Note

The numerical values presented in this brochure are representative values, not guaranteed values.

Though the term "Ultra-high purity" is used in regard to purity, this refers to grades compared within the company. Please verify the regulations corresponding to the purpose and application, product safety, and other such details when using products.

Safety Data Sheets (SDS) have been prepared separately in regards to handling precautions. Please contact our representative.

In addition, when handling products, please use them taking care of the points below.

1. Since carbon fibers are electrically conductive, it is recommended that dust control measures are implemented to prevent short circuiting of electrical equipment at the workplace site.
2. It is recommended that a mask and gloves be worn during handling to prevent the breathing in of material or skin coming in contact with the material.
3. When disposing the material, be sure to treat as "Industrial Waste".
Kureha is a carbon material manufacturer with sales worldwide.

We, Kureha, are commonly known for household goods such as NEW Krewrap. Our business includes a wide variety of products, for example advanced materials, pharmaceuticals, agricultures, and packing plastics. Carbon fiber is one of our main businesses. We continually support the industry as the pioneer who first developed pitch type carbon fiber in the world. Kureha’s carbon fiber products are also known in the global market for its high quality.

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4 Basic properties and product lineup of KRECA
6 KRECA FR
10 KRECA FELT
12 KRECA CHOP
14 KRECA CLOTH, KRECA PAPER, KRECA VEIL MAT
15 Manufacturing sites and sales locations for KRECA Carbon Products

History

1944 Spin off from Kureha Cotton Spinning
1953 Started production of polyvinylidene chloride
1960 Launched “Krewrap” to the market
1969 Developed world’s first technology of Crude oil thermal cracking process
1970 Launched carbon fiber “KRECA” to the market
1972 Launched bead-shaped activated carbon “BAC” to the market
1979 Launched anti-cancer agent “Krestin” to the market
1987 Launched engineering plastic “Fortron KPS” to the market
1989 Launched “NEW Krewrap” to the market
1991 Launched therapeutic agent for chronic kidney disease “Kremezin” to the market
1993 Launched agricultural fungicide “Metoconazole”, seed treatment fungicide “Ipconazole”, carbon material for lithium ion secondary batteries “Carbotron P” and PVDF binder for lithium ion secondary batteries “KF polymer” to the market.
2000 Launched fine grain agent “Kremezin” to the market
2005 Changed the company name from Kureha Chemical Industry Co., Ltd to Kureha Corporation
2012 Started operation of industrial Scale PGA (Polyglycolic Acid) manufacturing facility

Usage example of “KF polymer” as pipe valve
Usage example of “Fortron KPS” as water pump impeller
“NEW Krewrap”
Industrial salt, raw material of the Kureha product lineup
Basic Properties and Product Lineup of KRECA

As a pioneer of petroleum pitch type carbon fiber, Kureha’s carbon fiber “KRECA” is desired by the worldwide industry for its high purity, flexibleness, and variety of types.

Features of Kureha’s Carbon Fiber “KRECA”

Knowledge of the world’s pioneer

In 1970, Kureha industrialized pitch type carbon fiber for the first time in history. Since then, our innovative technology has been satisfying the challenging and various requirements of our customers all over the world.

High purity products

KRECA carbon fiber is made from petroleum pitch, which has low metal impurity. Therefore, it is superior in oxidation resistance and has a longer lifetime inside a furnace.

Produced using an integrated process from raw material.

Kureha produces carbon fiber through an integrated process from raw material pitch, which is then chopped, milled, felt punched, and machined for the insulation we manufacture. Therefore, we achieve flexible and sustainable production with high quality results.

Various product lineup

KRECA has various product lineup such as yarn, felt, chopped fiber, and rigid felt to accommodate various needs.

Received certificates of quality control and environmental management system.

Kureha’s mother factory in Iwaki, Japan obtained quality control standard ISO9001 and environmental management system standard ISO14001.

Basic Characteristics of KRECA

Basic Physical Properties of KRECA

<table>
<thead>
<tr>
<th>Fiber Diameter Classification</th>
<th>Carbon Fiber KCF-100</th>
<th>Graphite Fiber KGF-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Diameter</td>
<td>μm 12.5/14.5/18.0</td>
<td>μm 12.5/14.5</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>MPa 850/880/670</td>
<td>MPa 850/800</td>
</tr>
<tr>
<td>Tensile Elastic Modulus</td>
<td>GPa 37/35/30</td>
<td>GPa 37/35</td>
</tr>
<tr>
<td>Elongation</td>
<td>% 2.3/2.3/2.2</td>
<td>% 2.3/2.3</td>
</tr>
<tr>
<td>Carbon Content</td>
<td>wt % min 95</td>
<td>min 99</td>
</tr>
<tr>
<td>Thermal Conductivity</td>
<td>W/m·K 5~10</td>
<td>100</td>
</tr>
<tr>
<td>Coefficient of Linear Expansion</td>
<td>×10⁻⁶/K</td>
<td>3~5/1.7</td>
</tr>
<tr>
<td>Electrical Resistivity</td>
<td>μΩ·cm 150</td>
<td>50</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.63/1.60</td>
<td></td>
</tr>
<tr>
<td>Moisture Content</td>
<td>wt % max 12</td>
<td>0</td>
</tr>
<tr>
<td>Oxidation Onset Temperature*</td>
<td>°C 310/390</td>
<td></td>
</tr>
</tbody>
</table>

* Temperature at which weight reduction is 1% when held 24 hours.

Process Flow Diagram of KRECA Production

- Spinning
- High Temperature Calcination
- Machining
- Surface Treatment
- High Purification Treatment
- Ultra High Purification* Treatment
- Forming
- Felt
- Felt Rigid Insulation
- Air Layer Forming
- Cloth
- Paper
**About the Product**

- KRECA FR, which function as excellent insulation, are products for use in furnaces with high-temperature closed atmosphere. The graphitized carbon-fiber insulation is manufactured by forming carbon fiber felt into the desired shapes, such as boards, discs, and cylinders, with a small quantity of binder.

**Main Usages or Applications**

- Insulation for furnaces that manufacture multicrystalline silicon ingots
- Insulation for furnaces that manufacture sapphire ingots or optical-fiber preforms
- Insulation for monocrystalline silicon ingot pulling furnaces
- Insulation for sintering or heat treating furnaces

**Features**

- Our insulation has superior thermal properties and high stability in high-temperature atmosphere.
- Our insulation is light-weight yet solid enough to stand by itself. Complex machining is available as well.
- Kureha handles all the manufacturing process of the products, which allows the quality to be well-controlled throughout the manufacturing process.
- Various types of surface treatments are available to meet the customers’ requirements.
- Our insulation is less dusty compared to felt-formed insulation.

**Installation Advantages**

- Since KRECA FR is light-weight and easily machined into customers’ desired shapes, it is easily handled or placed, which reduces maintenance downtime.
- We can support customers by providing insulation, which is customized according to their needs for thermal properties, surface treatments, product purity, and other requirements. Customers can freely design KRECA FR to match their usage or conditions inside their furnaces.
- We can offer surface treatments which best match requirements such as prevention of dust or improvement of gas-sealing.
- High purity of the KRECA FR and highly-controlled processes of the KRECA FR production prevent contamination.

**Specifications of KRECA FR**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Purity</th>
<th>Surface Treatment-1</th>
<th>Surface Treatment-2</th>
<th>Bulk Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>R - 20 0 - 0.13</td>
<td>Standard type</td>
<td>No surface treatment, bulk density of 0.13g/cm³</td>
<td>High-purity type treated with graphite cloth and OS coating, bulk density of 0.16g/cm³</td>
<td>0.13 Bulk density 0.13g/cm³</td>
</tr>
<tr>
<td>R - 30 3 /OS - 0.16</td>
<td>High-purity type</td>
<td>Graphite cloth attached on the surface</td>
<td>Special graphite coating (OS coating) on the surface</td>
<td>0.16 Bulk density 0.16g/cm³</td>
</tr>
</tbody>
</table>

**Examples of KRECA FR Shapes**

Examples of KRECA FR Shapes

We will meet and respond to the various needs of our customers’ desires about shapes of KRECA FR.

**Large Sintering Furnace for Carbon-fiber Insulation (Kureha (Shanghai) Carbon Fiber Materials Co., Ltd.)**

Examples of KRECA FR Shapes

We will meet and respond to the various needs of our customers’ desires about shapes of KRECA FR.

**Large Sintering Furnace for Carbon-fiber Insulation (Kureha (Shanghai) Carbon Fiber Materials Co., Ltd.)**

Examples of KRECA FR Shapes

We will meet and respond to the various needs of our customers’ desires about shapes of KRECA FR.
**Typical Physical Properties and Characteristics of KRECA FR**

<table>
<thead>
<tr>
<th>Property</th>
<th>Standard Type (R200)</th>
<th>High-Purity Type (R300)</th>
<th>Ultra-High-Purity Type (R500)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Density g/cm³</td>
<td>0.13</td>
<td>0.16</td>
<td></td>
</tr>
<tr>
<td>Min. Carbon Content wt %</td>
<td>&gt;99</td>
<td>99</td>
<td></td>
</tr>
<tr>
<td>Ash ppm</td>
<td>130</td>
<td>130</td>
<td></td>
</tr>
<tr>
<td>Compressive Strength MPa</td>
<td>0.40</td>
<td>0.50</td>
<td></td>
</tr>
<tr>
<td>Flexural Strength MPa</td>
<td>1.5</td>
<td>1.7</td>
<td></td>
</tr>
<tr>
<td>Electrical Resistivity Ω/m</td>
<td>5.6 × 10⁻³</td>
<td>5.3 × 10⁻³</td>
<td></td>
</tr>
<tr>
<td>Thermal Expansion °C × 10⁻¹/K</td>
<td>2.5</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>Average Thermal Conductivity W/m/K</td>
<td>0.41</td>
<td>0.36</td>
<td></td>
</tr>
<tr>
<td>Coefficient of Thermal Expansion</td>
<td>3.0</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>Thermal Conductivity (Vac.) W/m/K</td>
<td>0.13</td>
<td>0.16</td>
<td></td>
</tr>
</tbody>
</table>

* At 1,500 degrees Celsius, test pieces with 70mm thickness

---

**Types and Effects of Surface Treatments**

<table>
<thead>
<tr>
<th>Surface Treatments</th>
<th>Features and Functions</th>
<th>As Fuzz Prevention, Dust Prevention</th>
<th>As Gas-Sealing (Control of Gas Permeation)</th>
<th>As Surface Protection (Slowing of Deterioration)</th>
<th>As Reinforcement for Strength against Shocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Surface Treatment</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>With Special Graphite Coating(OS Coating)*¹</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>With Graphite Foil Attached</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>With Graphite Cloth Attached</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>With Hybrid Graphite Cloth Attached</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>With Special Graphite Coating(Pyrolytic Graphite Treatment)*²</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*¹ OS coating is Kureha’s special graphite coating.
*² 2 PG treatments are only done on the “High-purity” and “Ultra-high-purity” grades.

---

**The Fiber Orientation of KRECA FR**

- Appearance of the KRECA FR Surface (parallel to laminated surface)
- Appearance of the KRECA FR Surface (perpendicular to laminated surface)

---

**Average Thermal Conductivity (Vac.)**

- Under an atmosphere of 1.33Pa +0.13g/cm³
- In air (20L/min)

---

**Impurities Contained in KRECA FR**

- Ash ppm:
  - R-200/OS*: 170 ppm
  - R-200: 138 ppm
  - R-300/OS: <15 ppm
  - R-500/OS: <5 ppm
- Al ppm:
  - R-200/OS*: 3.51 ppm
  - R-200: 3.92 ppm
  - R-300/OS: 0.12 ppm
  - R-500/OS: <0.05 ppm
- Ca ppm:
  - R-200/OS*: 11.1 ppm
  - R-200: 12.1 ppm
  - R-300/OS: 0.16 ppm
  - R-500/OS: <0.05 ppm
- Cu ppm:
  - R-200/OS*: 0.40 ppm
  - R-200: 0.33 ppm
  - R-300/OS: <0.05 ppm
  - R-500/OS: <0.05 ppm
- Fe ppm:
  - R-200/OS*: 3.16 ppm
  - R-200: 1.97 ppm
  - R-300/OS: 0.18 ppm
  - R-500/OS: 0.09 ppm
- Ni ppm:
  - R-200/OS*: 0.27 ppm
  - R-200: 0.33 ppm
  - R-300/OS: <0.1 ppm
  - R-500/OS: <0.05 ppm
- Si ppm:
  - R-200/OS*: 57.2 ppm
  - R-200: 42.7 ppm
  - R-300/OS: 1.33 ppm
  - R-500/OS: 0.28 ppm
- Ti ppm:
  - R-200/OS*: 4.00 ppm
  - R-200: 3.77 ppm
  - R-300/OS: 2.41 ppm
  - R-500/OS: <0.05 ppm
- P ppm:
  - R-200/OS*: <1 ppm
  - R-200: <1 ppm
  - R-300/OS: <1 ppm
  - R-500/OS: <1 ppm
- B ppm:
  - R-200/OS*: 4 ppm
  - R-200: 3 ppm
  - R-300/OS: 2 ppm
  - R-500/OS: 2 ppm

---

**Oxidation Resistance Characteristics of KRECA FR**

- Processing Temperature by degrees Celsius
- Processing Time by Hour (h)

---

**Examples of KRECA FR Usage**

KRECA FR works both as frame protection and insulation for crystal-growth devices, such as monocrystalline silicon ingots, compound semiconductors, optical-fiber performs, quartz, sapphire ingots, etc.

---

**Max Sizes Available**

- Grades: R-200, R-202, R-203
- Boards: 1800 × 1800 × 300T
- Discs: 1800 × 300T
- Cylinders: 1800 × 200T × 2000H

* Maximum available sizes differ depending on thicknesses. Please feel free to contact us about details.
Carbon Fiber Felt

KRECA FELT

About the Product
KRECA FELT is felt-formed non-woven fabrics with low density. They are formed by needle-punching carbon fibers.

Main Usages or Applications
Insulation for devices of metalizing film by Aluminum vapor deposition, or insulation for furnaces in which the temperature is higher than 1,000 degrees Celsius.

We also use as protections in high-temperature workplaces and in workplaces which use corrosive chemicals.

Weight Reduction by Oxidation

Features
- Featuring high-purity properties, KRECA FELT can prevent contamination.
- KRECA FELT is flexible, which enables it to be easily applied as cushions or insertions.
- High uniformity in thickness provides customers with high handling ability and stable quality.

Installation Advantages
- Featuring high-purity properties, KRECA FELT can prevent manufactured goods from contamination, thus contributing to high-quality production of the goods.
- Felt can be used for manufacturing silicon ingots.
- Felt can be used for light maintenance.

Specifications of KRECA FELT

Types and Grades
- (ex.) F - 2 0 5 X [Graphite grade / Typical mass of 500g/m² / KRECA FELT X]

Purity and Thermal Classification
- 1: Carbon Grade
- 2: Graphite Grade

Typical Mass (unit: g/m²)
- 05: 500
- 07: 700
- 10: 1000

Classification by Process
- None: KRECA FELT C or KRECA FELT G
- X: KRECA FELT X

Typical Physical Properties and Characteristics of KRECA FELT

<table>
<thead>
<tr>
<th></th>
<th>KRECA FELT C</th>
<th>KRECA FELT G</th>
<th>KRECA FELT X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Mass</td>
<td>F-105</td>
<td>F-110</td>
<td>F-205</td>
</tr>
<tr>
<td>g/m²</td>
<td>500</td>
<td>1000</td>
<td>500</td>
</tr>
<tr>
<td>Typical Thickness</td>
<td>mm</td>
<td>8</td>
<td>16</td>
</tr>
<tr>
<td>Min. Carbon Content</td>
<td>wt %</td>
<td>&gt; 95</td>
<td>&gt; 99</td>
</tr>
<tr>
<td>Ash Standard Type</td>
<td>ppm</td>
<td>&lt; 200</td>
<td>&lt; 200</td>
</tr>
<tr>
<td>Electrical Resistivity</td>
<td>Ω  m</td>
<td>10 ~ 15 x 10⁻³</td>
<td>4 ~ 5 x 10⁻³</td>
</tr>
<tr>
<td>Average Thermal Conductivity*</td>
<td>in Vac. W/m/K</td>
<td>0.27</td>
<td>0.27</td>
</tr>
<tr>
<td></td>
<td>in N₂</td>
<td>0.46</td>
<td>0.46</td>
</tr>
</tbody>
</table>

* At 1,000 degrees Celsius, test pieces with 50mm thickness.

Packaging

<table>
<thead>
<tr>
<th>Grades of the Products</th>
<th>Packaging Unit</th>
<th>Packaging</th>
<th>Dimensions of Packing by mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>KRECA FELT C</td>
<td>F-105, F-110</td>
<td>1000mm × 5m per Roll</td>
<td>1100W × 350L × 350H</td>
</tr>
<tr>
<td>KRECA FELT G</td>
<td>F-205, F-210</td>
<td>1000mm × 5m per Roll</td>
<td>1100W × 350L × 350H</td>
</tr>
<tr>
<td>KRECA FELT X</td>
<td>F-205X, F-207X</td>
<td>1200mm × 5m per Roll</td>
<td>1320W × 350L × 350H</td>
</tr>
</tbody>
</table>
Chopped Fiber

**KRECA CHOP**

### About the Product

- KRECA CHOP is chopped or milled carbon fiber.

### Main Usages or Applications

- Disk brake pad
- Parts for semiconductor/LCD
- Gaskets for gas sealing, etc.

### Features

- Adds properties of petroleum pitch based carbon fiber, such as sliding properties when compounding with resin or synthetic rubber.

### Installation Advantages

- It improves corrosion resistance.
- It improves thermal conductivity.

### Types and Grades

#### Specifications of KRECA CHOP

- **KRECA CHOP**

  | Classification by Chopping Process | C: CHOP | Chopped by cutter | Average fiber length more than 3mm |
  | M: MILLED | Ground by mill | Average fiber length 0.09mm to 1mm |

  | Classification by Calcination Process |
  | 1: Carbon fiber (KCF-100) |
  | 2: Graphitized fiber (KGF-200) |

  | Classification by Fiber Length |
  | CHOP | MILLED |
  | 03: 3mm | 007: 0.09mm |
  | 04: 6mm | 009: 0.1mm |
  | 05: 9mm | 01: 0.15mm |
  | 20: 25mm | 04: 0.3mm |
  | 25: 25mm | 07: 0.4mm |

  | Classification by Fiber Diameter |
  | F: Fine fiber | Average diameter 12.5µm |
  | S: Standard fiber | Average diameter 14.5µm |
  | T: Thick fiber | Average diameter 18.0µm |

### Grades of KRECA CHOP

- Grades in bold letters are the major grades.

<table>
<thead>
<tr>
<th>Fiber Diameter (µm)</th>
<th>KCF-100</th>
<th>KGF-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>14.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>18.0</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fiber Diameter (µm)</th>
<th>KCF-100</th>
<th>KGF-200</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.09</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>0.1</td>
<td>M-1009S</td>
<td>-</td>
</tr>
<tr>
<td>0.15</td>
<td>M-1015S</td>
<td>M-101T</td>
</tr>
<tr>
<td>0.2</td>
<td>M-1025S</td>
<td>-</td>
</tr>
<tr>
<td>0.3</td>
<td>-</td>
<td>M-104T</td>
</tr>
<tr>
<td>0.4</td>
<td>-</td>
<td>M-107T</td>
</tr>
<tr>
<td>1</td>
<td>M-125F</td>
<td>M-125S</td>
</tr>
<tr>
<td>3</td>
<td>M-125S</td>
<td>M-125T</td>
</tr>
<tr>
<td>6</td>
<td>C-103T</td>
<td>C-203S</td>
</tr>
<tr>
<td>25</td>
<td>C-125T</td>
<td>-</td>
</tr>
</tbody>
</table>
Carbon Cloth
KRECA CLOTH

About the Product
KRECA CLOTH is a carbon fiber cloth of KRECA YARN origin.

Main Usages or Applications
- Base material for carbon fiber composite (CFRP, CFC)
- Surface treatment for KRECA FR

Features
- Slide Ability - Cut carbon fiber makes it easier to slide
- Chemical Resistance - less chemical reaction property
- Heat Resistance - suitable under high temperature atmosphere
- High Strength - suitable for protective treatment

Installation Advantages
- Suitable to add slide ability in cloth form
- Suitable for protection of target material inside furnace

Manufacturing Sites and Sales Locations for KRECA Products
Kureha Group production and sales network meet the large variety and quantity needs around the world.

Features of Production and Sales Network of KRECA Products
- International production network
Kureha has three production sites in Iwaki/Japan, Shanghai/China and Pittsburgh/U.S.A. Therefore, we are able to meet international demand rapidly and flexibly.
- Sales locations all over the world
Sales subsidiaries in Tokyo/Japan, Dusseldorf/Germany, Texas/U.S.A and Shanghai/China cover major regions of the world to support customers’ inquiries on time.

Paper / Veil Mat
KRECA PAPER
KRECA VEIL MAT

About the Product
- KRECA PAPER is made from KRECA CHOP using the paper manufacturing process.
- KRECA VEIL MAT is formed by air-layered process using KRECA CHOP as raw material.
- KRECA VEIL MAT is thicker and stronger compared to KRECA PAPER.

Main Usages or Applications
- Carbon paper: lining mat in ceramic baking process, quartz production process, etc. [KRECA PAPER]
- Reinforcement material for plastic and cement [KRECA VEIL MAT]
- Add electrical conductivity and slide ability to the compound [KRECA VEIL MAT]

Features
- Slide Ability - Cut carbon fiber makes it easier to slide
- Corrosion Resistance - reduces corrosion
- Heat Resistance - suitable under high temperature
- High Purity - low contamination to the product in contact
- High Affinity - high affinity to the soaking resin

Specifications of KRECA CLOTH

<table>
<thead>
<tr>
<th>Grades</th>
<th>P-200</th>
<th>B-300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weave</td>
<td>plain weave</td>
<td>basket weave</td>
</tr>
<tr>
<td>Thickness</td>
<td>mm</td>
<td>0.50</td>
</tr>
<tr>
<td>Standard Mass</td>
<td>g/m²</td>
<td>210</td>
</tr>
<tr>
<td>Weave Density</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Warp</td>
<td>numbers/inch</td>
<td>20</td>
</tr>
<tr>
<td>Fill</td>
<td>numbers/inch</td>
<td>18</td>
</tr>
<tr>
<td>Surface Resistance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Type</td>
<td>Ω/m²</td>
<td>200</td>
</tr>
<tr>
<td>Graphitized Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>kN/5cm</td>
<td>&gt;0.49</td>
</tr>
<tr>
<td>Width</td>
<td>mm</td>
<td>1000</td>
</tr>
</tbody>
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Specifications of KRECA PAPER

- Standard Mass: 140, 190, 40, 300 g/m²
- V-209P, E-704, E-525, E-209P

Specifications of KRECA VEIL MAT

- Standard Mass: 140, 190, 40, 300 g/m²
- V-209P, E-704, E-525, E-209P