KUREHA

High Performance Binder for Electrode

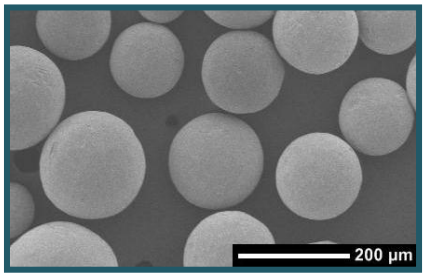
KUREHA KF POLYMER

- **KUREHA KF POLYMER** is a high performance **Polyvinylidene Fluoride** (**PVDF**) with various characteristics.
- Long history of usage since the world's first lithium-ion battery (LiB) was commercialized in 1991.
- Suitable for LiB due to its high adhesive property, chemical resistance and fine electrochemical stability.
- Widely applied for not only consumer electronics but also automobiles, industrial tools and energy storage devices.
- Broad lineup such as high molecular weight type and modified type with functional group.

Appearance



SEM Image



■ Grades Line-up

Grade No.	W#1100	W#1300	W#1700	W#7200	W#7300	W#9100*	W#9300**	W#9700*
Molecular Weight (M_w) $\times 10^5$	2.8	3.5	5.0	6.3	>10	2.8	>10	8.8
Polymer Type	Homo-polymer					*Modified polymer **Modified co-polymer		
Inherent Viscosity [dl/g]	1.1	1.3	1.7	2.1	3.1	1.1	3.1	2.5

These data are representative values and not guaranteed. All data were measured by Kureha.

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