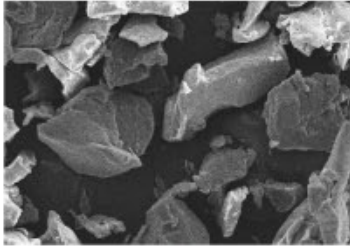
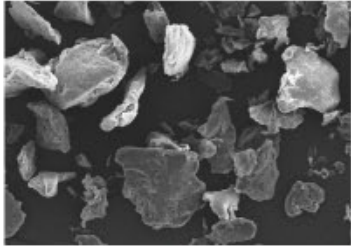
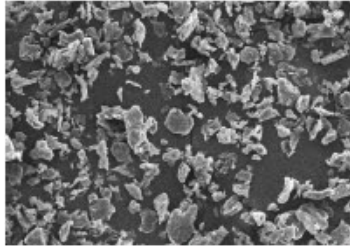
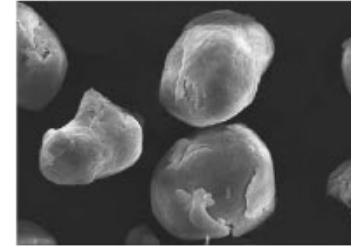
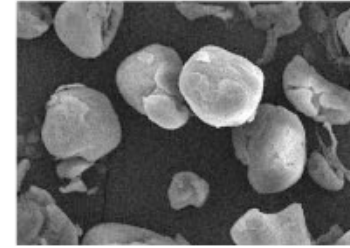
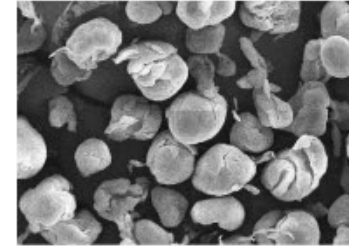
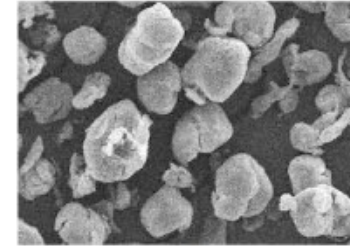


KT / KTL Series for Plastic Compounding

	KT-300M	KT-400M	KT-600M	KTL-450A	KTL-450	KTL-620	KTL-630
MAX. particle size	148.00μm on 1% or less	104.65μm on 1% or less	74.00μm or less	88.00μm or less	88.00μm or less	62.23μm or less	62.23μm or less
D50(median diameter)	40.00±5.00μm	33.00±5.00μm	14.00±2.00μm	17.50±1.50μm	22.00±5.00μm	11.50±3.50μm	12.00±3.00μm
Melting point(DSC)	325 ~ 335°C	325 ~ 335°C	325 ~ 335°C	325 ~ 335°C	325 ~ 330°C	325 ~ 330°C	325 ~ 330°C
Max. processing temperature	450°C	450°C	450°C	430°C	410°C	410°C	370°C
Volatile loss(150°C/2h)	0.05wt.% or less	0.05wt.% or less	0.05wt.% or less	0.10wt.% or less	0.05wt.% or less	0.05wt.% or less	0.10wt.% or less
Apparent density	0.65±0.10g/ml	0.65±0.10g/ml	0.40g/ml or more	0.60±0.10g/ml	0.60±0.10g/ml	0.50±0.10g/ml	0.45±0.10g/ml
Specific gravity	2.1 ~ 2.2	2.1 ~ 2.2	2.1 ~ 2.2	2.1 ~ 2.2	2.1 ~ 2.2	2.1 ~ 2.2	2.1 ~ 2.2
Appearance	White powder	White powder	White powder	White powder	White powder	White powder	White powder
Whiteness level	95.00 or more	95.00 or more	96.00 or more	96.00 or more	95.00 or more	97.00 or more	98.00 or more
FDA(CFR177.1550)	○	○	○	○	×	×	×
FDA(CFR175.300)	○	○	○	○	○	○	○
SEM							

- Fine powder of completely sintered the highest-molecular-weight and the highest heat-resistant PTFE.
- Not thermally decomposed at 420°C, also the best for POM which is not good at acidic gas.
- Does not flow at temperatures at and over the melting point, retaining uniform dispersion at high temperatures.

- Fine powder of completely sintered high-molecular-weight PTFE.
- Excellent flow and dispersion characteristics. Can be fed into kneaders directly by side feeding.
- Minute mass or shape change around the melting point, contributing to high stability in mold strength and size.

Applications



Recommended grades	Applications
KT series	Every kinds of thermoplastics and thermosetting plastics (including POM), Rubbers, Elastomers
KTL-450A, KTL-450, KTL-620	Plastics (processing temperature : over 350°C), Rubbers, Elastomers (PEEK, Aromatic PA, PES, Thermoplastic PI, PEI, PAI etc.)
KTL-630	Plastics (processing temperature : less 350°C), Rubbers, Elastomers (PPS, PA, PBT, PC, General plastics etc.)

(Note) The data in this catalog are standard values and are not guaranteed.