



Technical Data Sheet

KTL-8FH

PTFE Micropowder

KTL-8FH is the PTFE micropowder as additive for paints and coatings. Especially this grade is good for single layer non-stick coatings.

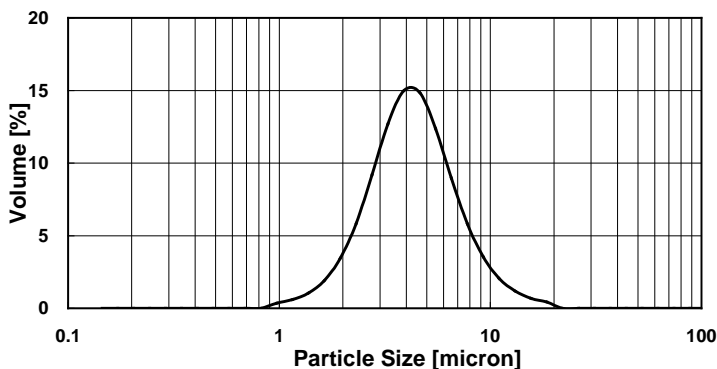
1. Features

KTL-8FH is the coagulated powder of unsintered low molecular weight PTFE. The molecular weight is higher than KTL-8F. The specific surface area of KTL-8FH is large relatively. It means it is difficult to deposit when dispersed in a liquid. Also KTL-8FH tends to come out to the coating surface because of its large oil absorption.

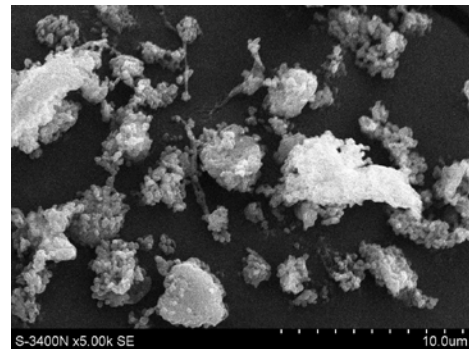
2. Properties

Property	Value	Measuring Method
Max. particle size	18.50 μ m or less	Laser diffraction scattering
D50	2.5~4.5 μ m	Laser diffraction scattering
Apparent density	0.30~0.50g/ml	JIS-K6891
Melting point	315 - 325 $^{\circ}$ C	TG-DSC
Heat resistance	250 $^{\circ}$ C	TG-DSC

KTL-8FH Particle Distribution



SEM



3. Applications

Paint & Coating (Non-stick, Sliding, Anti-scratch)

Heat or UV set plastic paint, Coil coating, Clear coating, Powder coating, Grease, Oil

FDA Regulatory Information: 21 CFR 175.300

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