



Technical Data Sheet

KTL-8F

PTFE Micropowder

KTL-8F is the PTFE micropowder as additive for paints, coatings and greases. It provides low-friction, anti-scratch and non-stick etc. to your application.

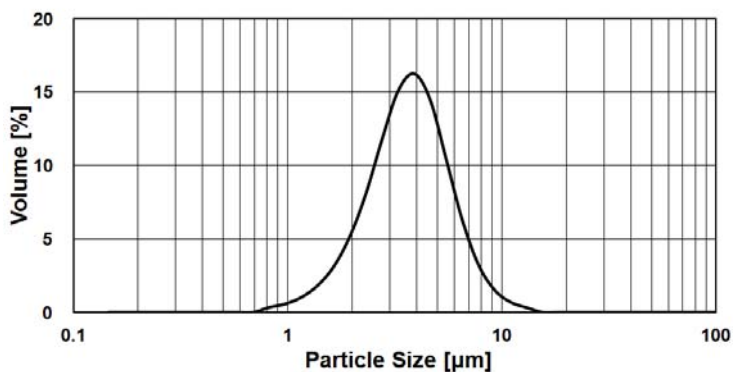
1. Features

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

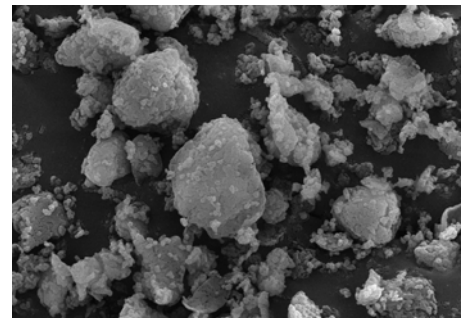
2. Property

Property	Value	Measuring Method
Max. particle size	15.56 μ m	Laser diffraction scattering
D50	2.5 ~ 4.5 μ m	Laser diffraction scattering
Apparent density	0.60 \pm 0.10g/ml	JIS-K6891
Melting point	310 – 320 $^{\circ}$ C	TG-DSC
Heat resistance	250 $^{\circ}$ C	TG-DSC

KTL-8F Particle Size Distribution



SEM



3. Applications

Paints & Coatings (Sliding, Anti-scratch, Non-stick)

Greases, Oils

FDA Regulatory Information: 21 CFR 175.300

KITAMURA LIMITED

Web: <http://www.kitamuralttd.jp/>

Email: info@kitamuralttd.jp

