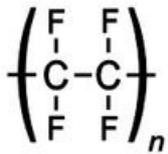


Product Data Sheet

Product Name: PTFE

Chemical Name: Micropowder Polytetrafluoroethylene

Molecular Structure:



CAS No.: 9002-84-0

EINECS: None

PTFE super-fine powders are sorts of special made low-molecular-weight PTFE white ultrafine powders(waxes). Because of PTFE's extremely stable molecular structure, all of these materials exhibit excellent features such as chemical inertness, heat resistance, low frictional property, non-stick ability, and good scratch and abrasion resistant properties.

These ultrafine powders (waxes) can be applied as additive in ink, coatings, EP, lubricants, etc, to enhance the matrixes' relative properties.

Technical Index

SUNTOMER PF Super-Fine Powders						
Type	SUNTOMER PF- E(New Materail)			SUNTOMER PF- F(Recycled Material)		
	101 E	105 E	103 E	105 F	115 F	
Average Bulk Density (g/L)	≤500	≤500	≤350	≤500	≤600	
Particle Average Size (um)	~3	~4	~3	~5	~15	
Specific Surface Area (m2/g)	~4	~3	~10	~2	~1	
Whiteness	≥95	≥95	≥95	≥80		
Melting Point (°C)	327±5	327±5	327±5	327±5		
Moisture Content(%)	≤0.03	≤0.03	≤0.03	≤0.03		
Thermal mass Lo	≤0.15	≤0.15	≤0.15	≤0.15		

Application:

Used to produce tubes, rods, thin films, boards, bars, plates, gaskets, and bearing products.

Used as an additive in various products

Performances:

Performing an extremely high and consistent level of slip and abrasion resistance due to their extremely low coefficient of friction, showing excellent non-stick and delocalization abilities.

Packing:

The product are packed in damp proof rigid paper drum with two layers of plastic bags, 20/25 kgs net weight per drum

Storage :

Stored in clean, dry place to avoid possible contamination by dusts, moisture, etc.

Caution :

Using temperature shall not be over 400°C