

Product Overview

Product: PTFE Fine Powder PF-213 is a high-quality PFOA-free fine powder designed for paste-extrusion applications.

Typical Applications: It is mainly used for a binder for cathode materials in dry-electrode technology.

Availability: It is packed in two layers of plastic bags in a hard bucket. The net weight is 20 kg per bucket, and a product certificate is attached to each bucket.

TYPICAL PROPERTIES OF PTFE Fine Powder PF-213 (Data not for specification purposes)

Properties	Test Method	Unit	PF-213
Cleanliness	—	—	Excellent Grade
Bulk Density	—	g/L	400±100
Moisture Content	—	%	≤0.030
Standard Specific Gravity	—	—	2.125-2.160
Average Particle Size	—	μm	≤400
Extrusion Pressure	—	MPa	45.0-60.0 (400:1)

CERTIFICATION

- SGS Certification
- ROHS Certification
- REACH Certification
- SVHC Certification

PRODUCT DESCRIPTION

PTFE Fine Powder PF-213 is a PFOA-free fine-powder resin with properties tailored to dry cathode formulations. It provides the chemical resistance, heat resistance, electrical insulation and low-friction performance expected of PTFE. The grade is intended for a binder for cathode materials in dry-electrode technology.

PROCESSING

PTFE Fine Powder PF-213 is specially designed for dry-electrode technology. Processing conditions should be optimized according to the electrode formulation, equipment and target product requirements.

STORAGE AND HANDLING

1. The products shall be transported as non-dangerous chemical. During transportation, prevent from humidity, intense vibration and package damage.
2. Products should be stored in a clean, cool and dry warehouse to prevent the mixing of dust, moisture and other impurities.

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