PVDF

Hylar FMA® 2020

Syensqo

Position #120 · Jinsutong Reference Catalog 2026

Resin Overview

PVDF · PVDF-HFP, Coating. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Syensqo
Category	PVDF · PVDF-HFP, Coating
Typical Use	PVDF-HFP coating for chemical resistance

Key Properties

Density	1.77 g/cm³
MVR (230°C/5 kg)	8 g/10min
Melting Point (DSC)	140 °C
Tensile Strength at Yield	30 MPa
Elongation at Break	500%
HDT (0.45 MPa)	80 °C
Dielectric Strength	55 kV/mm
Volume Resistivity	>1e14 Ω·cm

Key Features

- PVDF-HFP copolymer
- High flexibility for coating
- Excellent chemical resistance
- High dielectric strength

Processing Conditions

Melt Temperature	200-240 °C
Mold Temperature	40-80 °C
Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Extrusion, coating

Typical Applications

- Chemical tank lining coating
- Wire and cable insulation
- Flexible coating applications
- Industrial chemical handling

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong (莫海龙) — Business Manager · +86 138 1603 7020 · 13816037020@139.com
Shanghai Jinsutong Plastics Co., Ltd. · 1st Building, 5601 Yanqian Road, Fengxian District, Shanghai

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