PVDF

Hylar FMA® 2020 Natural

Syensqo

Position #120 • Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Syensqo
Category	PVDF · PVDF-HFP, Natural
Typical Use	Natural color PVDF-HFP for chemical coating

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
Color	Natural

Key Features

- Natural color for pigmentation
- PVDF-HFP copolymer
- Excellent chemical resistance
- Suitable for chemical coating

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 chemical handling
- Industrial coating

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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