PVDF

Hylar® 460

Syensqo

Position #114 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Syensqo
Category	PVDF · Coating, Chemical
Typical Use	PVDF coating and lining

Key Properties

Density	1.78 g/cm³
MVR (230°C/5 kg)	4 g/10min
Melting Point (DSC)	172 °C
Tensile Strength at Yield	50 MPa
Elongation at Break	100%
HDT (0.45 MPa)	138 °C
Tensile Modulus	1950 MPa
Volume Resistivity	>1e14 Ω·cm

Key Features

- PVDF coating grade
- High viscosity for coating
- Excellent chemical resistance
- Suitable for chemical lining and coating

Processing Conditions

Melt Temperature	230-260 °C
Mold Temperature	N/A (extrusion)
Drying	4 h @ 100 °C in desiccant dryer
Processing Methods	Extrusion, coating

Typical Applications

- Chemical tank lining
- PVDF coating
- Pipe coating
- Industrial coating

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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