PVDF

Solef® 3158

Syensqo

Position #108 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Syensqo
Category	PVDF · Chemical Process, Black
Typical Use	Chemical process components, tanks

Key Properties

Density	1.78 g/cm³
MVR (230°C/5 kg)	3 g/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	52 MPa
Elongation at Break	50%
HDT (0.45 MPa)	140 °C
Chemical Resistance	Superior
Color	Black

Key Features

- PVDF for chemical process industry
- Black pre-compounded
- Superior chemical resistance
- Syensqo quality

Processing Conditions

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

Typical Applications

- Chemical process tanks
- Chemical pump housings
- Chemical reactor parts
- Aggressive chemical handling

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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