PVDF

Solef® 60512

Syensqo

Position #108 · Jinsutong Reference Catalog 2026

Resin Overview

PVDF · High Purity, Semiconductor. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Syensqo
Category	PVDF · High Purity, Semiconductor
Typical Use	High purity semiconductor, wet process

Key Properties

Density	1.78 g/cm³
MVR (230°C/5 kg)	5 g/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	52 MPa
Elongation at Break	80%
HDT (0.45 MPa)	140 °C
Tensile Modulus	2000 MPa
Particulate	Low for semiconductor

Key Features

- High purity for semiconductor use
- Low particulate for cleanroom use
- Good for wet process components
- High chemical resistance

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

- Semiconductor wet process
- High-purity chemical handling
- Ultra-pure water systems
- Photovoltaic components

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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