PVDF

Kynar® 900

Arkema

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Resin Overview

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

This Grade

Manufacturer	Arkema
Category	PVDF · PVDF-CTFE, Chemical
Typical Use	High chemical resistance, semiconductor wet process

Key Properties

Density	1.78 g/cm³
MVR (230°C/5 kg)	6 g/10min
Melting Point (DSC)	165 °C
Tensile Strength at Yield	45 MPa
Elongation at Break	80%
HDT (0.45 MPa)	130 °C
Tensile Modulus	1800 MPa
Volume Resistivity	>1e14 Ω·cm

Key Features

- PVDF-CTFE copolymer
- Superior chemical resistance
- High purity for semiconductor use
- 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	Injection molding, extrusion

Typical Applications

- Semiconductor wet process components
- High-purity chemical handling
- Cable insulation for harsh chemicals
- PVDF coating applications

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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