PVDF

Hylar™ 301-F

Syensqo

Position #109 · Jinsutong Reference Catalog 2026

Resin Overview

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

This Grade

Manufacturer	Syensqo
Category	PVDF · Coating Grade, Black
Typical Use	PVDF coating for chemical resistance

Key Properties

Density	1.78 g/cm³
MVR (230°C/5 kg)	3 g/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	50 MPa
Elongation at Break	80%
Adhesion to Metal	Excellent
Chemical Resistance	Superior
Color	Black

Key Features

- PVDF coating grade
- Excellent adhesion to metals
- Superior chemical resistance
- High temperature stability

Processing Conditions

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

Typical Applications

- PVDF coating for chemical tanks
- PVDF coating for piping
- Chemical-resistant lining
- Industrial coating applications

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong (莫海龙) — Business Manager · +86 138 1603 7020 · 13816037020@139.com
Shanghai Jinsutong Plastics Co., Ltd. · 1st Building, 5601 Yanqian Road, Fengxian District, Shanghai

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