PPA AMODEL AS 4135HS

Syensqo

Reference catalog 2026 - Upgraded Template

Resin Overview (Upgraded Template)

PPA · 聚邻苯二甲酰胺 (Upgraded)

This Grade

Manufacturer	Syensqo
Category	PPA · 聚邻苯二甲酰胺 (Upgraded)
Typical Use	Reference grade for 聚邻苯二甲酰胺 (Upgraded)

Key Properties (8 metrics)

Density	1.40 g/cm3
MVR (310°C/5 kg)	15 cm3/10min
Melting Point (DSC)	310 °C
Tensile Strength at Break	180 MPa
Tensile Modulus	14000 MPa
Elongation at Break	2.0%
HDT (1.8 MPa)	285 °C
Moisture Absorption (saturation)	2.5%

Key Features

- High heat 160-180°C continuous
- Lower moisture than PA66
- High stiffness with glass fiber
- Replaces metal in structural parts

Processing Conditions

Melt Temperature	320-340 °C

Mold Temperature	140-180 °C
Drying	4 h @ 120 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Automotive under-hood
- High-current connectors
- Industrial sensors
- EV power electronics

Regulatory & Compliance

- RoHS compliant
- REACH registered
- FDA food contact grades available

> Data from public manufacturer catalogs. Verify before procurement.

Contact
Mr. Mo Hailong (莫海龙) · Business Manager · +86 138 1603 7020 · 13816037020@139.com

© 2026 Shanghai Jinsutong Plastics Co., Ltd. · Reference catalog 2026 - Upgraded Template