PPA

Amodel® A-1225L

Syensqo

Position #110 • Jinsutong Reference Catalog 2026

Resin Overview

PPA · 25% Glass, Heat Stabilized. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Syensqo
Category	PPA · 25% Glass, Heat Stabilized
Typical Use	25% glass for high-temp automotive

Key Properties

Density	1.35 g/cm³
MVR (310°C/5 kg)	15 cm³/10min
Tensile Strength at Break	170 MPa
Tensile Modulus	8500 MPa
Elongation at Break	2.5%
HDT (1.8 MPa)	270 °C
Continuous Use Temperature	160 °C
Color	Natural

Key Features

- 25% glass fiber for high stiffness
- Heat stabilized for 160°C continuous
- Good for automotive structural parts
- Syensqo quality

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 structural parts
- Heat-stabilized electrical
- Industrial mechanical
- High-temp connectors

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

Contact
Mr. Mo Hailong · +86 138 1603 7020 · 13816037020@139.com

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