PPA

Amodel® HT-N-1000T

Syensqo

Position #110 • Jinsutong Reference Catalog 2026

Resin Overview

PPA · Toughened, Heat Stabilized. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Syensqo
Category	PPA · Toughened, Heat Stabilized
Typical Use	Toughened PPA for automotive connectors

Key Properties

Density	1.18 g/cm³
MVR (310°C/5 kg)	20 cm³/10min
Tensile Strength at Yield	90 MPa
Tensile Modulus	3500 MPa
Elongation at Break	15%
Notched Izod Impact (23°C)	12 kJ/m²
HDT (1.8 MPa)	180 °C
Continuous Use Temperature	160 °C

Key Features

- Toughened PPA for impact resistance
- Good for snap-fit automotive connectors
- Heat stabilized for 160°C
- 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

- Snap-fit automotive connectors
- High-impact PPA parts
- Toughened PPA housings
- Industrial components

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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