PA66

Vydyne® 21SP

Ascend Performance Materials

Position #112 · Jinsutong Reference Catalog 2026

Resin Overview

PA66 · Impact Modified, General. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Ascend Performance Materials
Category	PA66 · Impact Modified, General
Typical Use	General purpose injection, automotive clips

Key Properties

Density	1.14 g/cm³
MVR (275°C/5 kg)	60 cm³/10min
Tensile Strength at Yield	78 MPa
Tensile Modulus	2800 MPa
Elongation at Break	30%
Notched Izod Impact (23°C)	20 kJ/m²
HDT (0.45 MPa)	195 °C
Moisture Absorption (saturation)	8.5%

Key Features

- Impact modified for tough parts
- Good flow for thin-wall
- Snap-fit capable
- General purpose PA66

Processing Conditions

Melt Temperature	280-300 °C
Mold Temperature	70-95 °C
Drying	4 h @ 80 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Automotive interior clips
- Fasteners and clips
- Snap-fit assemblies
- General consumer goods

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

© 2026 Shanghai Jinsutong Plastics Co., Ltd. · Jinsutong Reference Catalog 2026 · jinsutong.com/grades