PA66

Ultramid® A3XG6

BASF

Position #119 • Jinsutong Reference Catalog 2026

Resin Overview

PA66 · 30% Glass, Heat Stabilized. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	BASF
Category	PA66 · 30% Glass, Heat Stabilized
Typical Use	30% glass fiber heat-stabilized PA66

Key Properties

Density	1.36 g/cm³
MVR (275°C/5 kg)	25 cm³/10min
Tensile Strength at Break	180 MPa
Tensile Modulus	9500 MPa
Elongation at Break	3.0%
HDT (1.8 MPa)	245 °C
Continuous Use Temperature	150 °C
Color	Natural

Key Features

- 30% glass heat-stabilized
- High heat 150°C continuous
- High stiffness structural
- BASF quality

Processing Conditions

Melt Temperature	280-300 °C

Mold Temperature	70-100 °C
Drying	4 h @ 80 °C in desiccant dryer
Processing Methods	Injection molding

Typical Applications

- Heat-stabilized automotive structural
- Under-hood components
- Industrial housings
- High-temp mechanical parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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