PA66

Leona® 13G43 Black

Asahi Kasei

Position #118 • Jinsutong Reference Catalog 2026

Resin Overview

PA66 · 43% Glass, Black, High Stiffness. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	Asahi Kasei
Category	PA66 · 43% Glass, Black, High Stiffness
Typical Use	43% glass black PA66 for structural

Key Properties

Density	1.50 g/cm³
MVR (275°C/5 kg)	15 cm³/10min
Tensile Strength at Break	210 MPa
Tensile Modulus	14000 MPa
Elongation at Break	2.5%
HDT (1.8 MPa)	255 °C
Color	Black
Continuous Use Temperature	150 °C

Key Features

- 43% glass for ultra-high stiffness
- Black pre-compounded
- High heat 150°C continuous
- SABIC 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

- Ultra-stiff structural parts
- Automotive black structural
- Metal replacement
- Premium black components

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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

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