PA12

Grilamid® L 16 Black

EMS-Chemie

Position #119 · Jinsutong Reference Catalog 2026

Resin Overview

PA12 · Black, UV Stabilized. Sourced from public manufacturer technical data sheets.

This Grade

Manufacturer	EMS-Chemie
Category	PA12 · Black, UV Stabilized
Typical Use	Outdoor automotive, cable jacketing

Key Properties

Density	1.01 g/cm³
MVR (235°C/5 kg)	25 cm³/10min
Melting Point (DSC)	178 °C
Tensile Strength at Yield	48 MPa
Elongation at Break	200%
Notched Izod Impact (23°C)	6 kJ/m²
HDT (0.45 MPa)	120 °C
Color	Black

Key Features

- UV stabilized for outdoor use
- Black pre-compounded
- Good weather resistance
- Suitable for cable jacketing and outdoor automotive

Processing Conditions

Melt Temperature	200-250 °C
Mold Temperature	40-80 °C
Drying	4-6 h @ 80 °C in desiccant dryer
Processing Methods	Injection molding, extrusion

Typical Applications

- Outdoor automotive parts
- Cable jacketing
- Outdoor equipment
- Black injection molded parts

Regulatory & Compliance

- RoHS compliant
- REACH registered

> ⚠ All data sourced from public manufacturer catalogs.

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