

DG-101 | PC/ABS Resin

High Impact / High Melt Flow Rate Grade

Product Description

DG-101 is a high impact / high melt flow rate grade. The technical values below are based on manufacturer-provided product documentation.

Typical Properties

Property	Nominal Value	Unit	Test Method	Test Conditions
Melt Flow Index	22	g/10 min	ASTM D1238	265°C / 5 kg
Flexural Strength	65	MPa	ASTM D790	2 mm/min
Flexural Modulus	2150	MPa	ASTM D790	2 mm/min
Tensile Strength	50	MPa	ASTM D638	50 mm/min
Izod Notched Impact Strength	550	J/m	ASTM D256	23°C, 3.2 mm
Vicat Softening Temperature	115	°C	ASTM D1525	50 N, 50°C/hr

Features & Applications

Features	High impact, high melt flow rate grade
Applications	Electronics, vehicles, etc.

Processing Guide

Processing Parameter	Recommended Value	Unit
Drying Temperature	110	°C
Drying Time	4 - 6	hr
Moisture Content	0.01	%
Melt Temperature	250 - 270	°C
Mold Temperature	250 - 270	°C

Note: Technical property data is based on manufacturer-provided documentation and is provided for reference only. Typical values are not guaranteed specifications. Customers should confirm final specifications and suitability for their intended application.