DG-417 | ABS Resin

General Purpose Injection Grade

Product Description

DG-417 is a general purpose injection 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	20	g/10 min	ASTM D1238	220°C / 10 kg
Flexural Strength	65	MPa	ASTM D790	2 mm/min
Flexural Modulus	2265	MPa	ASTM D790	2 mm/min
Tensile Strength	47	MPa	ASTM D638	50 mm/min
Izod Notched Impact Strength	200	J/m	ASTM D256	23°C, 3.2 mm
Vicat Softening Temperature	101	°C	ASTM D1525	50 N, 50°C/hr

Features & Applications

Features	Medium impact, molding grade
Applications	Electronics, household appliances, vehicles, etc.

Processing Guide

Processing Parameter	Recommended Value	Unit
Drying Temperature	80 - 90	°C
Drying Time	2 - 4	hr
Moisture Content	0.01	%
Melt Temperature	190 - 230	°C
Mold Temperature	190 - 230	°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.