

LOTTE CHEMICAL

2013

POPELEN GRP-353C
PP BLOCK COPOLYMER

General Information

Characteristics

Heat & Sound Insulation

Applications

Automotive Parts (Under Cover)

Physical Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230 °C)	ASTM D1238	g/10min	12.0
Density	ASTM D792	g/cm ³	1.11
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	800
Elongation	ASTM D638	%	3
Flexural Modulus	ASTM D790	kgf/cm ²	35,000
Flexural Strength	ASTM D790	kgf/cm ²	900
IZOD Impact Strength (23 °C)	ASTM D256	kgf·cm/cm	20.0
IZOD Impact Strength (-30 °C)	ASTM D256	kgf·cm/cm	9.0
Rockwell Hardness	ASTM D785	R	105
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	140

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

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