

LOTTE CHEMICAL

2013

POPELEN HSG-372
PP BLOCK COPOLYMER

General Information

Characteristics

High Stiffness, Low Density

Applications

Automotive Parts (Door Trim)

Physical Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230 °C)	ASTM D1238	g/10min	20.0
Density	ASTM D792	g/cm ³	0.93
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	320
Elongation	ASTM D638	%	50
Flexural Modulus	ASTM D790	kgf/cm ²	25,000
Flexural Strength	ASTM D790	kgf/cm ²	420
IZOD Impact Strength (23 °C)	ASTM D256	kgf·cm/cm	5.0
IZOD Impact Strength (-10 °C)	ASTM D256	kgf·cm/cm	3.0
Rockwell Hardness	ASTM D785	R	95
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	130

NOTE

ISO 9001, 14001, /TS 16949

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

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