

LOTTE CHEMICAL

2013

POPELEN HIP-373
PP BLOCK COPOLYMER

General Information

Characteristics

Paintability, High Impact Strength

Applications

Automotive Parts (Crash Pad)

Physical Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230 °C)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm ³	1.02
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	220
Elongation	ASTM D638	%	200
Flexural Modulus	ASTM D790	kgf/cm ²	20,000
Flexural Strength	ASTM D790	kgf/cm ²	320
IZOD Impact Strength (23 °C)	ASTM D256	kgf·cm/cm	NB
IZOD Impact Strength (-30 °C)	ASTM D256	kgf·cm/cm	7.0
Rockwell Hardness	ASTM D785	R	-
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	125

NOTE

ISO 9001, 14001, /TS 16949

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

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