

LOTTE CHEMICAL

2013

POPELEN RX-10000

PP BLOCK COPOLYMER

General Information

Characteristics

High Stiffness, High Impact Strength

Applications

Bumper Fascia

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	0.94
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	180
Elongation	ASTM D638	%	300
Flexural Modulus	ASTM D790	kgf/cm ²	11,000
Flexural Strength	ASTM D790	kgf/cm ²	-
IZOD Impact Strength (23 °C)	ASTM D256	kgf·cm/cm	55.0
IZOD Impact Strength (-30 °C)	ASTM D256	kgf·cm/cm	9.0
Rockwell Hardness	ASTM D785	R	-
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	-

NOTE

ISO 9001, 14001, /TS 16949

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

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