

LOTTE CHEMICAL

2013

POPELEN G-153

PP BLOCK COPOLYMER

General Information

Characteristics

High Stiffness, Heat Resistance, Low Mold Shrinkage

Applications

Home Electric Goods, Aircon Fan, Industrial Appliance, etc

Physical Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230 °C)	ASTM D1238	g/10min	5.0
Density	ASTM D792	g/cm ³	1.12
Shrinkage (MD)	LC Method	%	0.4
Shrinkage (TD)	LC Method	%	0.7
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	950
Elongation	ASTM D638	%	3
Flexural Modulus	ASTM D790	kgf/cm ²	60,000
Flexural Strength	ASTM D790	kgf/cm ²	1,100
IZOD Impact Strength (23 °C)	ASTM D256	kgf·cm/cm	12.0
IZOD Impact Strength (-10 °C)	ASTM D256	kgf·cm/cm	-
Rockwell Hardness	ASTM D785	R	95
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	160

NOTE

ISO 9001, 14001, /TS 16949

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

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