

POPELEN G-152

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℃)	ASTM D1238	g/10min	5.5
Density	ASTM D792	g/cm ³	1.04
Shrinkage (MD)	LC Method	%	0.5
Shrinkage (TD)	LC Method	%	0.9
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	800
Elongation	ASTM D638	%	3
Flexural Modulus	ASTM D790	kgf/cm ²	48,000
Flexural Strength	ASTM D790	kgf/cm ²	-
IZOD Impact Strength (23℃)	ASTM D256	kgf·cm/cm	10.0
IZOD Impact Strength (-10℃)	ASTM D256	kgf·cm/cm	-
Rockwell Hardness	ASTM D785	R	110
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	℃	160

NOTE

ISO 9001, 14001, /TS 16949

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