

POPELEN A-353

PP BLOCK COPOLYMER

General Information

● Characteristics

High Stiffness, Heat Resistance, High Impact Strength

● Applications

Automotive Parts, Home Electric, Industrial Appliance, etc.

Physical Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230 °C)	ASTM D1238	g/10min	10
Density	ASTM D792	g/cm ³	1.14
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	320
Elongation	ASTM D638	%	40
Flexural Modulus	ASTM D790	kgf/cm ²	33,000
Flexural Strength	ASTM D790	kgf/cm ²	420
IZOD Impact Strength (23 °C)	ASTM D256	kgf·cm/cm	4.5
IZOD Impact Strength (-10 °C)	ASTM D256	kgf·cm/cm	3.0
Rockwell Hardness	ASTM D785	R	92
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	139

NOTE

ISO 9001, 14001, /TS 16949

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