

POPELEN AE-353CT

PP BLOCK COPOLYMER

General Information

● Characteristics

High Stiffness, High Flow Rate

● Applications

Automotive Parts (Door Trim)

Physical Properties¹

Physical	Test Method	Unit	Nominal Values
Melt Flow Index (230 °C)	ASTM D1238	g/10min	25
Density	ASTM D792	g/cm ³	0.99
Mechanical			
Yield Strength	ASTM D638	kgf/cm ²	240
Elongation	ASTM D638	%	50
Flexural Modulus	ASTM D790	kgf/cm ²	20,000
Flexural Strength	ASTM D790	kgf/cm ²	380
IZOD Impact Strength (23 °C)	ASTM D256	kgf·cm/cm	10.0
IZOD Impact Strength (-10 °C)	ASTM D256	kgf·cm/cm	4.0
Rockwell Hardness	ASTM D785	R	85
Thermal			
Heat Distortion Temp. (4.6kgf/cm ²)	ASTM D648	°C	130

NOTE

ISO 9001, 14001, /TS 16949

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