

POPELEN RX-13000

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

High Stiffness, High Impact Strength

General Information			
Features	Block Copolymer		
	High Impact Resistance		
	High Stiffness		
Uses	Automotive Bumper		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.7	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Flexural Strength	24.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	88	J/m	
23°C	490	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648

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