

POPELEN GRP-353C

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

Heat & Sound Insulation

General Information			
Features	Block Copolymer		
	Sound Damping		
Uses	Automotive Applications		
	Automotive Under the Hood		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	78.5	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	3430	MPa	ASTM D790
Flexural Strength	88.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	88	J/m	
23°C	200	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648

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