

POPELEN HIP-372

Polypropylene Impact Copolymer
Lotte Chemical Corporation

Message:
Paintability, High Impact Strength

General Information			
Features	Block Copolymer		
	High Impact Resistance		
	Paintable		
Uses	Automotive Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	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
Pencil Hardness - B	4		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	39.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	59	J/m	
23°C	220	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648

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