

POPELEN G-153

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

High Stiffness, Heat Resistance, Low Mold Shrinkage

General Information			
UL YellowCard	E85371-251704		
Features	Block Copolymer		
	High Heat Resistance		
	High Stiffness		
	Low Shrinkage		
Uses	Appliances		
	Electrical/Electronic Applications		
	Industrial Applications		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage			Internal Method
Flow	0.40	%	
Across Flow	0.70	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	93.2	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	5880	MPa	ASTM D790
Flexural Strength	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	160	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

