

I. Stern 3220NB

Polypropylene Copolymer

I. STERN & CO. INC.

Message:

3320NB - Prime Impact Copolymer Polypropylene, No Break

Features

Outstanding impact strength balanced with stiffness

Excellent long term heat aging properties

Wet/dry environmental resistance

Good surface gloss

Applications

automotive

appliance

lawn & garden

rigid packaging

General Information			
Features	Copolymer		
	Good Heat Aging Resistance		
	High Gloss		
	High Impact Resistance		
	High Stiffness		
Uses	Appliances		
	Automotive Applications		
	Lawn and Garden Equipment		
	Rigid Packaging		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.8	MPa	ASTM D638
Tensile Elongation ² (Break)	12	%	ASTM D638
Flexural Modulus - 1% Tangent ³	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	167	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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