

# I. Stern 3320

Polypropylene Copolymer

I. STERN & CO. INC.

## Message:

3320 - Prime Impact Copolymer Polypropylene

### Features

Excellent balance of stiffness and impact strength

Excellent long term aging properties

Excellent color and processing stability

### Applications

closures

housewares

small appliances

lawn & garden

General Information			
Features	Copolymer		
	Good Color Stability		
	Good Processability		
	High Impact Resistance		
	High Stiffness		
Uses	Appliances		
	Closures		
	Household Goods		
	Lawn and Garden Equipment		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	18	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	22.8	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	12	%	ASTM D638
Flexural Modulus - 1% Tangent <sup>3</sup>	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	91	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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