

# I. Stern 1312

Polypropylene Homopolymer  
I. STERN & CO. INC.

Message:

1312 - Prime Homopolymer Polypropylene  
Features  
Excellent flow characteristics  
FDA  
Good mold release  
Low odor and taste  
Applications  
closures  
housewares  
small appliances  
toys

General Information			
Features	Good Mold Release		
	High Flow		
	Homopolymer		
	Low to No Odor		
	Low to No Taste		
Uses	Appliances		
	Closures		
	Household Goods		
	Toys		
Agency Ratings		FDA Unspecified Rating	
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	39.3	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	17	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup>	1860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	32	J/m	ASTM D256
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	1.3 mm/min		

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