

I. Stern N1921

General Purpose Polystyrene

I. STERN & CO. INC.

Message:

Polystyrene N1921 - General Purpose Crystal Polystyrene

- Features
- Excellent Processability
- Easy Flow
- Applications
- Disposable Packaging
- Housewares
- Cosmetics Packaging

General Information			
Features	Crystal		
	General Purpose		
	Good Flow		
	Good Processability		
	High Impact Resistance		
Uses	Cosmetic Packaging		
	General Purpose		
	Household Goods		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1640		
UL File Number	E220962		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.0	MPa	ASTM D638
Tensile Elongation (Break)	1.3	%	ASTM D638
Flexural Modulus	3200	MPa	ASTM D790
Flexural Strength (Yield)	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	8.0	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	72.8	°C	ISO 75-2/A
Vicat Softening Temperature	82.8	°C	ISO 306
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		

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