

I. Stern PS2110

General Purpose Polystyrene

I. STERN & CO. INC.

Message:

Polystyrene PS2110 - General Purpose Crystal Polystyrene

Features

Moderately High Heat Resistance

UL Classification 94 HB

Excellent Water Clarity

Applications

Displays

House wares

General Information			
Features	Crystal		
	General Purpose		
	High Clarity		
	High Heat Resistance		
Uses	Displays		
	General Purpose		
	Household Goods		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	3.4	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	42.7	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	23.8	MPa	ASTM D790
Flexural Strength (Yield)	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.6	°C	ASTM D648
Vicat Softening Temperature	96.1	°C	ASTM D1525
Flammability	Nominal Value	Test Method	
Flame Rating	HB	UL 94	

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