

Network Polymers PS CPS 80-1200B- BEADS

General Purpose Polystyrene

Network Polymers, Inc.

Message:

Network Polymers PS CPS 80-1200B- BEADS is a General Purpose Polystyrene product. It can be processed by compounding or compounding extrusion and is available in North America.

General Information			
Forms	Granules		
Processing Method	Compounding Compounding Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (200°C/5.0 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ²	303	MPa	ASTM D638
Tensile Strength ³ (Yield)	34.5	MPa	ASTM D638
Tensile Elongation (Break)	1.2	%	ASTM D638
Flexural Modulus ⁴	3170	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	11	J/m	ASTM D256A
NOTE			
1.	Procedure A		
2.	51 mm/min		
3.	51 mm/min		
4.	Method I (3 point load), 1.3 mm/min		

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Recommended distributors for this material

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