

Network Polymers PS CPS 80 0800

General Purpose Polystyrene

Network Polymers, Inc.

Message:

Network Polymers PS CPS 80 0800 is a General Purpose Polystyrene product. It can be processed by injection molding and is available in North America. Primary characteristic: crystalline.

General Information			
Features	Crystal		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (L-Scale)	74		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2880	MPa	ASTM D638
Tensile Strength ² (Break)	43.4	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	16	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	87.8	°C	ASTM D648
Vicat Softening Temperature	98.3	°C	ASTM D1525
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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