

CP PRYME® SAN SAN100BT-20 CLEAR

Styrene Acrylonitrile
Chase Plastics Services Inc.

Message:

CP PRYME® SAN SAN100BT-20 CLEAR is a Styrene Acrylonitrile (SAN) product. It can be processed by injection molding and is available in North America.

General Information			
Appearance	Clear/Transparent		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	7.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3280	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	72.4	MPa	ISO 527-2
Flexural Modulus (23°C)	3450	MPa	ISO 178
Flexural Strength (Yield)	115	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 12.7 mm)	96.1	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Refractive Index	1.570		ASTM D542
Transmittance (3180 µm)	87.0 to 88.0	%	ASTM D1003
Haze (3180 µm)	0.70	%	ASTM D1003

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Recommended distributors for this material

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