

PrimaFlex® SAN 1200-WC

Styrene Acrylonitrile
Plastic Solutions, Inc.

Message:

Description: SAN 1200-WC is an injection molding grade of transparent SAN. This water clear SAN is the clearest, most colorless and most transparent grade.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	High Clarity		
Uses	Cosmetic Packaging		
	General Purpose		
	Household Goods		
	Personal Care		
Agency Ratings	FDA 21 CFR 181.32		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.30 to 0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3240	MPa	ASTM D638
Tensile Strength (Yield)	62.1	MPa	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	96.5	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)	93.3	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance (81.3 µm)	89.0 to 90.0	%	ASTM D1003
Haze (81.3 µm)	0.70	%	ASTM D1003

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