

PrimaFlex® SAN 0750-BT

Styrene Acrylonitrile
Plastic Solutions, Inc.

Message:

Description: SAN 0750-BT is an injection molding grade of transparent SAN with a blue tint.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
Uses	Cosmetic Packaging		
	Cups		
	Hospital Goods		
	Table Products		
Agency Ratings	FDA 21 CFR 181.32		
Appearance	Clear - Blue Tint		
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)	7.5	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)	83		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3280	MPa	ASTM D638
Tensile Strength (Yield)	72.4	MPa	ASTM D638
Tensile Elongation (Yield)	2.6	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	115	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)	96.1	°C	ASTM D648

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