



Prime Engineering and Commodity Thermoplastic Resins

SAN 0750-BT General Purpose SAN

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

Applications: Tumblers and mugs / Blender jars / Tableware / Dinnerware / Cosmetic packaging

Features: Repeatably-use housewares
FDA 21 CFR 181.32

Physical Properties	Typical Values	Test Method(s)
Specific Gravity	1.07	D-792
Melt Flow Rate - g/10 min (230°C / 3.8kg)	7.5	D-1238
Mold Shrinkage	0.003 – 0.004	D-955
Tensile Modulus – psi	475,000	D-638
Tensile Strength at Yield – psi	10,500	D-638
Elongation at Yield - %	2.6	D-638
Flexural Modulus – psi	500,000	D-790
Flexural Strength – psi	16,700	D-790
HDTUL Unannealed – 264 psi	205° F	D-648
Izod Impact Strength – ft-lbs/in	0.4	D-256
Rockwell Hardness – M Scale	83	D-785

Distributed Exclusively by: Plastic Solutions, Inc.
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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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