



Prime Engineering and Commodity Thermoplastic Resins

## SAN 1200-WC General Purpose SAN

**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.

**Applications:** Housewares / Cosmetic packaging / Personal care items

**Features:** Glass-like clarity  
FDA 21 CFR 181.32

<b>Physical Properties</b>	<b>Typical Values</b>	<b>Test Method(s)</b>
Specific Gravity	1.07	D-792
Melt Flow Rate - g/10 min (230°C / 3.8kg)	12.0	D-1238
Mold Shrinkage	0.003 – 0.004	D-955
Tensile Modulus – psi	470,000	D-638
Tensile Strength at Yield – psi	9,000	D-638
Flexural Modulus – psi	500,000	D-790
Flexural Strength – psi	14,000	D-790
HDTUL Unannealed – 264 psi	200° F	D-648
Izod Impact Strength – ft-lbs/in	0.4	D-256
Rockwell Hardness – M Scale	75	D-785
Optical Transmittance – 3.2mm, %	89 - 90	D-1003
Haze – 3.2mm, %	0.7	D-1003

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