

**Material:** SAN 330i  
**Generic:** Styrene Acrylonitrile  
**Manufacturer:** Kumho

<i>Property</i>	<i>Data</i>	<i>Units</i>	<i>ASTM</i>
<b>GENERAL</b>			
Features	General Purpose Ice Clear		
Form	Pellets		
Processing Method	Injection		
<b>PHYSICAL</b>			
Melt Flow Rate	9.00 ( 230°C/3.8kg)	g/10 min	D-1238
	3.00 ( 200°C/5kg)		
Specific Gravity	1.07		D-792
Water Absorption	0.3	%	D570
Mold Shrinkage	.002-.006	mm/mm	D-955
<b>MECHANICAL</b>			
Flexural Strength	13,490	psi	D-790
Flexural Modulus	489,900	psi	D-790
Tensile Elongation @ Break	4	%	D-638
Tensile Strength	9,940	psi	D-638
<b>IMPACT</b>			
Notched Izod Impact 1/8 in.	0.27	ft-lb/in <sup>2</sup>	D-256
<b>HARDNESS</b>			
Rockwell Hardness	85	M-Scale	D-785
<b>THERMAL</b>			
Vicat Softening Point	226	°F	D-1525
HDT @264 psi-unannealed	198	°F	D-648
<b>Electrical</b>			
Dielectric Strength	550	V/mil	D149
Volume Resistivity	10 <sup>16</sup>		D-257
<b>FLAMMABILITY</b>			
Flame Rating - 1/8" Sample	HB		UL-94
Flame Rating - 1/16" Sample	HB		UL-94
<b>FOOD SANITATION</b>			
FDA	Suitable		

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