

### Description

SAN 3800P is a high flow, low molecular weight SAN. This can be used as compounding additives for polymer blends. It can be blended with high rubber graft modifier resins to produce customized ABS properties. This is suitable for direct weather exposure and provides excellent flow for injection molding applications.

Property	Value	Unit	Method
Melt Index, MI <sub>2</sub>	38	gm/10min	D 1238
Density	1.07	g/cm <sup>3</sup>	D 792
Tensile Modulus	593000	psi	D 638
Tensile Strength at Yield	7080	psi	D 638
Tensile Strength at Break	8730	psi	D 638
Elongation at Yield	1.5	%	D 638
Elongation at Break	1.9	%	D 638
Flexural Modulus	499000	psi	D 790
Flexural Stress	9600	psi	D 790
Vicat Softening Temperature	217	°F	
Rockwell Hardness (R-Scale)	122		D 785
Notched Izod Impact, -22 °F	.23	ft·lb/in	D 256
Notched Izod Impact, 73 °F	.44	ft·lb/in	D 256
Deflection Temp. Under Load, 66 psi	208	°F	D 648
Deflection Temp. Under Load, 264 psi	188	°F	D 648
Yellowness Index	1.6	YI	D 1925

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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