

## Typical Properties of Thermoplastics

### SATRAN™ 805

Acrylonitrile Butadiene Styrene Terpolymer, Impact Modified

Further information and details are available upon request.

Properties	Test Method	English	Units	S.I.	Units
<b>PHYSICAL</b>					
Specific Gravity	D 792	NA	1.05	NA	1.05
Linear Mold Shrinkage	D 955	in/in	0.005-0.007	%	0.5-0.7
Melt Flow Rate @ 230 C / 3.8 kg, nominal	D 1238	g/10min	2-5	g/10min	2-5
Water Absorption	D 570	%	0.40	%	0.40
<b>MECHANICAL</b>					
Tensile Strength @ Yield	D 638	Psi	5,500	MPa	38
Flexural Modulus	D790	Psi	300,000	MPa	2069
Flexural Strength	D790	Psi	8,500	MPa	59
Izod Impact, notched. 73°F (23°C)	D256	ft-lb/in	3.9	J/m	208
Izod Impact, notched. -4°F (-20°C)	D256	ft-lb/in	1.7	J/m	91
<b>THERMAL</b>					
Deflection Temperature, 66 psi (0.45MPa), Load 264 psi (1.82 MPa), Load	D 648				
		°F	205	°C	96
		°F	194	°C	90

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