

## Typical Properties of Thermoplastics

### SATRAN™ 800R

Acrylonitrile Butadiene Styrene Terpolymer, Reprocessed

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	2-4	g/10min	2-4
Water Absorption	D 570	%	0.40	%	0.40
<b>MECHANICAL</b>					
Tensile Strength @ Yield	D 638	Psi	5,000	MPa	34
Flexural Modulus	D790	Psi	290,000	MPa	2000
Flexural Strength	D790	Psi	8,000	MPa	55
Izod Impact, notched. 73°F (23°C)	D256	ft-lb/in	2.0	J/m	107
<b>THERMAL</b>					
Deflection Temperature, 66 psi (0.45MPa), Load 264 psi (1.82 MPa), Load	D 648				
		°F	185	°C	85
		°F	176	°C	80

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