

Saint-Gobain Performance Plastics
Sani-Pro-T Polypropylene Testing Standards

Physical Properties	Polypropylene/Polysulfone
Specific Gravity	ASTM D792
Water Absorption	ASTM D570
Radiation Tolerance, Mrad	--
Mechanical Properties	
Tensile Strength	ASTM D638M
Compressive Strength	ASTM D638M
Flexural Strength	ASTM D790A
Tensile Modulus	ASTM D638M
Hardness: Shore A	ASTM D2240
Hardness: Shore D	ASTM D2240
Hardness: Rockwell Scale R	ASTM D785A
Elongation	ASTM D638M
IZOD Impact Strength	ASTM D256A
Tear Strength, Die B	
Thermal Properties	
Melting Temperature	ASTM D3418
Specific Heat	DS
Thermal Conductivity	ASMT C177
Coefficient of Thermal Expansion	ASTM D696
Brittle Temperature	ASTM D746A
Heat Deflection Temperature	ASTM D648
UL-94 Flammability Class	UL-94
Oxygen Index	ASTM D2863
Electrical Properties	
Dielectric Strength	ASTM D149
Electric Resistivity	ASTM D257
Dielectric Constant	ASTM D150
Dissipation Factor	ASTM D150