

Saint-Gobain Norton® T-200 Mechanical Grade PTFE Sheet (0.188" thick)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Molded

Material Notes:

Features/Benefits: Outstanding heat and chemical resistance; High dielectric strength; Anti-stick properties; Can be chemically etched for bondability; Applications include laminate release sheets, wire and cable wrap, and industrial gasketing. PTFE = polytetrafluoroethylene T-200 is a mechanical grade PTFE sheet manufactured from reground PTFE. It is available in thicknesses ranging from 0.015" to 0.250" and standard widths of 12", 24", 36", and 48". PTFE film is supplied either in sheet or continuous roll form. Slit widths are available in thicknesses ranging from 0.001" to 0.062" and to the exacting tolerances of the wire and cable, and electronics industries. Custom colors are also available. Types of application include Electrical/Electronics, Medical, and Protective/Decorative. Specification Notes: T-200 sheet meets the physical requirements of AMS 3651C. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Norton-T-200-Mechanical-Grade-PTFE-Sheet-0188-thick.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 g/cc	2.15 g/cc	ASTM D-792
Water Absorption	<= 0.010 %	<= 0.010 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 10.3 MPa	>= 1500 psi	ASTM D-882
Elongation at Break	>= 100 %	>= 100 %	ASTM D-882

Thermal Properties	Metric	English	Comments
CTE, linear	90.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$ @Temperature 20.0 $\text{Å}^\circ\text{C}$	50.0 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$ @Temperature 68.0 $\text{Å}^\circ\text{F}$	ASTM D-696
Melting Point	327 $\text{Å}^\circ\text{C}$	620 $\text{Å}^\circ\text{F}$	ASTM D-3418
Maximum Service Temperature, Air	260 $\text{Å}^\circ\text{C}$	500 $\text{Å}^\circ\text{F}$	UL-746 B
Flammability, UL94	V-0	V-0	

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