



Material Data Sheet | 8mil Frosty Anti-Static Polyurethane Film

Polymer: Static dissipative thermoplastic polyurethane, aromatic polyether – blown film

Key Attributes: Very tough, abrasion resistant
Excellent chemical resistance
Good low-temperature-flex properties

Physical Properties	Test Method	Units	Typical Properties
Hardness	D-2240	Shore A	85
Tensile Strength @ 100% Modulus	D-412	psi	990
Tensile Strength @ 300% Modulus	D-412	psi	1750
Tensile Strength Ultimate	D-412	psi	7000
Elongation at Break	D-412	%	570
Tear Resistance	D-624 Die C	LB. / inch	475
Surface Resistivity	D-257	Ohms/Square	1 x 10 ¹⁰ - 1 x 10 ¹²

This product “may be used in food-contact applications in compliance with 21 CFR 177.1680 (Polyurethane resins) and 177.2600 (Rubber articles intended for repeated use), for repeated-use applications in contact with dry solids (i.e., food types VIII and IX).

This product may be used up to “a maximum temperature of 82°C (180°F) as described in Tables 1 and 2 of 21 CFR 176.170.”

This product is “animal derivative free.”

This product “is subject to the limitations of these regulations and any other applicable regulation.”