

## DuPont™ Nomex® Type 993, 80 mil Nominal Thickness Medium-Density Aromatic Nylon Pressboard

Category : Polymer , Thermoplastic , Nylon , Nylon, Aromatic

### Material Notes:

Type 993 is a medium-density pressboard which offers a balance of rigidity and conformability along with outstanding saturability and excellent properties in air and oil. Typical applications include 3-dimensional parts such as V-rings, angle rings and spools, as well as barrier, gap spacers and core tubes. Information provided by DuPont

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DuPont-Nomex-Type-993-80-mil-Nominal-Thickness-Medium-Density-Aromatic-Nylon-Pressboard.php](http://www.lookpolymers.com/polymer_DuPont-Nomex-Type-993-80-mil-Nominal-Thickness-Medium-Density-Aromatic-Nylon-Pressboard.php)

Physical Properties	Metric	English	Comments
Density	0.760 g/cc	0.0275 lb/in <sup>3</sup>	Calculated number using basis weight and thickness
Thickness	2000 microns	78.7 mil	ASTM D374, method D, using 17 N/cm <sup>2</sup>
Linear Mold Shrinkage	0.0070 cm/cm	0.0070 in/in	ASTM D3392
	@Temperature 105 °C	@Temperature 221 °F	
	0.011 cm/cm	0.011 in/in	ASTM D3392
	@Temperature 240 °C	@Temperature 464 °F	
Linear Mold Shrinkage, Transverse	0.011 cm/cm	0.011 in/in	ASTM D3392
	@Temperature 105 °C	@Temperature 221 °F	
	0.020 cm/cm	0.020 in/in	ASTM D3392
	@Temperature 240 °C	@Temperature 464 °F	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	47.5 MPa	6890 psi	ASTM D828
Film Tensile Strength at Yield, TD	34.4 MPa	4990 psi	ASTM D828
Film Elongation at Yield, MD	13.8 %	13.8 %	ASTM D828
Film Elongation at Yield, TD	14.1 %	14.1 %	ASTM D828

Electrical Properties	Metric	English	Comments
Dielectric Strength	20.0 kV/mm	508 kV/in	AC rapid rise in air; ASTM D149

Descriptive Properties	Value	Comments
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Basis Weight (g/m <sup>2</sup> ) Descriptive Properties	ASTM D3392 Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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