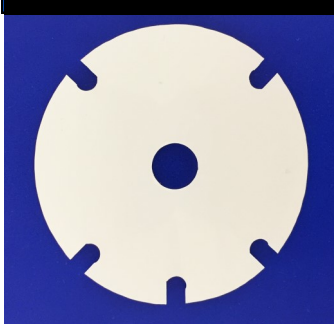


N002



N002 film is a flame retardant thermoplastic polybutylene, terephthalite film offering UL94 VTM-0 performance down to 130 microns and good temperature performance.

N002 film's outstanding dielectric strength and ease of fabrication (ie: thermoforming, embossing, clean-edge die-cutting, folding and bending) makes it very suitable for a wide range of electrical, electronic and medical applications.

N002 is available as die-cut shape.

Properties	Unit	N002	Test Method
Base material		Polybutylene film	
Color		White	Visual
Thickness tolerance	%	10%	-
Thermal Properties			
Thermal conductivity	W/mK	0.17	ASTM D5470
Thermal expansion	°C	5.7	ASTM E831
Softening temperature	°C	45—60	
Electrical Properties			
Dielectric strength	kV/mm	43	
Dielectric constant @60Hz		3.3	
Mechanical Properties			
Tensile strength	PSI	7200	ASTM D882
Elongation	%	57	ASTM D882
Physical Properties			
Flame rating	UL94	V0	-
Density	kg/m ³	1335	ISO 1183
Standard thickness	mm	0.13	-

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Ordering example:

N002-013

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