

# Mylar® EL (92 guage)

Polyethylene Terephthalate  
DuPont Teijin Films U.S.

Message:

Mylar® EL (92 guage) is a Polyethylene Terephthalate (PET) product. It is available in North America. Applications of Mylar® EL (92 guage) include coating applications, electrical/electronic applications and film.

Characteristics include:

- Chemical Resistant
- Good Flexibility
- Heat Resistant
- High Strength

General Information			
UL YellowCard	E93687-252917		
Features	General Purpose		
	Good Chemical Resistance		
	Good Electrical Properties		
	Good Flexibility		
	High Heat Resistance		
	High Strength		
Uses	Coating Applications		
	Electrical Parts		
	Film		
	Laminates		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm <sup>3</sup>	ASTM D1505
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	23	µm	ASTM D882
Tensile Strength			
MD : Yield	200	MPa	
TD : Yield	234	MPa	ASTM D882
Tensile Elongation			
MD : Break	120	%	
TD : Break	91	%	
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	ASTM D257
Volume Resistivity	1.0E+18	ohms · cm	ASTM D257
Dielectric Strength	280	kV/mm	ASTM D149
Dissipation Factor (1 MHz)	0.016		ASTM D150

Optical	Nominal Value	Unit	Test Method
Haze	16	%	ASTM D1003

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