

DuPont™ Tedlar® SP TTR5JSH9 Clear Polyvinyl Fluoride Film

Category : Polymer , Film , Thermoplastic , Fluoropolymer

Material Notes:

Tedlar® SP polyvinyl fluoride film is designed to provide excellent conformability to substrates while maintaining the good durability, color stability, chemical resistance, and ease of cleaning expected of PVF film. Tedlar® SP also offers custom color capability not previously available in PVF film. Tedlar® SP is an unoriented film. It possesses high elongation and moderate yield stress. After lamination using conventional means, it can be easily embossed and will maintain high pattern definition. Tedlar® SP can also be subjected to high levels of forming without significant recovery stresses. Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Tedlar-SP-TTR5JSH9-Clear-Polyvinyl-Fluoride-Film.php

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	155 %	155 %	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
	250 %	250 %	
	@Temperature 50.0 °C	@Temperature 122 °F	
Film Elongation at Break, TD	260 %	260 %	
	@Temperature 100 °C	@Temperature 212 °F	
	280 %	280 %	
	@Temperature 75.0 °C	@Temperature 167 °F	
Film Elongation at Break, MD	150 %	150 %	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
	220 %	220 %	
	@Temperature 50.0 °C	@Temperature 122 °F	
Film Elongation at Break, TD	255 %	255 %	
	@Temperature 75.0 °C	@Temperature 167 °F	
	275 %	275 %	
	@Temperature 100 °C	@Temperature 212 °F	
Film Tensile Strength at Break, MD	10.3 MPa	1500 psi	
	@Temperature 100 °C	@Temperature 212 °F	
	15.9 MPa	2300 psi	
Film Tensile Strength at Break, TD	@Temperature 75.0 °C	@Temperature 167 °F	
	22.1 MPa	3200 psi	

Mechanical Properties	Metric	English	Comments
	33.8 MPa @Temperature 50.0 °C	4900 psi @Temperature 122 °F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Film Tensile Strength at Break, TD	10.3 MPa @Temperature 100 °C	1500 psi @Temperature 212 °F	
	17.9 MPa @Temperature 75.0 °C	2600 psi @Temperature 167 °F	
	24.8 MPa @Temperature 50.0 °C	3600 psi @Temperature 122 °F	
	33.8 MPa @Temperature 20.0 °C	4900 psi @Temperature 68.0 °F	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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