

TXP®

Extruded Polyester

TXP is extruded in gauges from .003+to 0.250+using Eastman Chemical Company's Spectar® PETG copolymer resin. It is exceptionally strong and has good durability, high clarity and gloss. IT can be sealed, folded, formed, embossed, guillotined and die cut. TXP is suitable for screen printing and thinner sheets can be printed by lithography and flexography.

TXP is stocked in 0.020+sheets of 48+x 72.5+in size. Other sizes, gauges and abrasion resistant matte surface are available to special order. Also, TXP UV can be supplied for signs, displays, cycle (and similar) helmets, packaging and many more applications.

TECHNICAL DATA:

Property	Test Method	Units	Typical Values	
Thickness Range		ins.	.0003 . 0.250	
Test Thickness		ins.	0.08	
Specific Gravity	ASTM D1505		1.27	
Tensile Strength at Yield	ASTM D638	psi	7,700	
Tensile Strength at Break	ASTM D638	psi	4,500	
Elongation at Yield	ASTM D638	%	4.7	
Elongation at Break	ASTM D638	%	210	
Flexural Modulus	ASTM D790	10 ³ psi	320	
Flexural Strength	ASTM D790	psi	10,300	
Rockwell Hardness	ASTM D785	R Scale	104	
Impact Resistance Puncture, Energy at Max Load	ASTM D3763	ft-lb.ft./in.	23°C	15
			0°C	18
			-10°C	19
			-20°C	21
			-30°C	18
UL Flammability Classification	UL 94	UL rating	94HB	
Coefficient of Linear Therm. Exp.	ASTM D1003	/°F	0.00004	
Haze	ASTM D1003	%	<1	
Light Trans	ASTM D1003	%	Specular	87
			Diffuse	88
Gloss	ASTM D523	units	162	
Refractive Index	ASTM D542		1.57	

NOTE: All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.