

# TXP-FS PETg

## DESCRIPTION:

TXP-FS PETg sheet and roll stock is available between 7 and 30 mil. Applications include displays, blister packs, graphic arts, merchandise packaging, industrial face shields, and other die cut parts.

## CHARACTERISTICS:

- High clarity offering for excellent visibility
- Improved flexibility and impact resistance vs OPET and similar films
- Especially suited for packaging and general barrier applications
- Available in sheet or roll form
- Removable masking liner included, one side
- Anti-fog option available upon request

## TECHNICAL DATA:

PROPERTY	UNIT OF MEASURE	7 mil	10 mil	15 mil	20 mil	30 mil	TEST METHOD
Yield	in <sup>2</sup> /lb	3115	2180	1455	1090	725	ASTM D792
Haze - bare	%	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	ASTM D1003
Gloss	60°	165-170	165-170	165-170	165-170	165-170	ASTM D2457
Clarity - bare		99+	99+	99+	99+	99+	ASTM D1003
Transmittance - bare	%	91.1	91.1	90.9	90.8	90.6	ASTM D1003
Tensile Yield Stress, MD	psi	6500	6245	5710	5610	5490	ASTM D882
Tensile Yield Stress, TD	psi	6390	6255	5685	5655	5515	ASTM D882
1% Secant Modulus, MD	psi	242,520	207,840	178,600	176,665	149,500	ASTM D882
1% Secant Modulus, TD	psi	234,575	205,050	188,485	187,535	174,650	ASTM D882
Rockwell Hardness	R-Scale	110	110	110	110	110	ASTM D785
Heat Deflection Temp	°F (@ 66 psi)	160	160	160	160	160	ASTM D648
Taber Abrasion, 10 cycles (Δ Haze)	%	9	9	9	9	9	ASTM D1044
Taber Abrasion, 25 cycles (Δ Haze)	%	13	13	13	13	13	ASTM D1044

\*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. Data presented represents typical values. 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 test. 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.

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