

OPS FILM

ORIENTED POLYSTYRENE

CAPABILITIES (European conversions in parentheses)

- Gauge: .001" to .004" (28 to 101 μm)
- Width: 2" to 80" (50.8 to 2032 mm)
- Core size: 6" (152mm)
- Roll O.D.: various configurations available
- Low dusting grades available
- Low scratch grades available
- Prime clear and custom colors
- Gloss and matte materials available
- Graphic arts grades available
- Lamination grades available
- Corona treatment available
- Heat sealable grades

PROPERTIES

- Excellent material for envelope windows
- Low scratch and non-dusting
- Easily printed
- High clarity
- Excellent yield and stiffness
- Polystyrene based material
- FDA compliant to CFR 21 #177.1640

TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Specific Gravity	1.05	grams/cm ²	
Yield	26,360	in ² /lb./mil of thickness	
Tensile Strength at Yield	8,000 to 12,000	psi	D638
Ultimate Elongation	3 to 10	%	D638
Tensile Modulus	400,000 to 450,000	psi	D790
Typical Range of Use	0 to 175 (-17 to 79)	°F (°C)	

CHEMICAL RESISTANCE

- Acid ResistanceGood to Excellent
- Strong OxidizersPoor
- AlkaliesExcellent
- Hydrocarbon Solvents.....Poor
- Alcohols.....Good to Excellent
- Fat, Grease and OilGood

CAPABILITIES AND TECHNICAL SPECIFICATION

The capabilities we list reflect the standard capabilities we offer at the time of this printing. Our capabilities are likely to broaden as we add capacity and expand our product offering. Please call our Sales Team to further discuss your specific needs.

The data herein represents typical values by the methods indicated and should be so considered. Processing variables are a major factor in product performance, this information should serve only as a guide. To the best of our knowledge the data is correct. No warrant is made or implied. The corporation assumes no obligation or liability for the use of data presented.



YOUR TOTAL RESOURCE FOR
EXTRUDED SHEET & FILM

800.628.7598