



The Plastic Films Specialist

Tenopex® TX-OW Polyester Technical Data Sheet

Description and Applications

Tenopex® TX-OW is a high opacity white polyester film designed for premium graphic, label and overlay applications where excellent print receptivity and surface uniformity are essential. It features a smooth opaque white appearance, comes with variant of single surface or double surface treated for enhanced adhesion with solvent, UV, screen printing inks as well as laminating adhesives. TX-OW combines high whiteness, toughness and heat resistance, making it suitable for durable overlays, nameplates, backlit displays, display signage, insulation barrier, etc

Typical Property Values

Property	Test Method	Units	Value
Physical			
Density	ASTM D792	g/cm3	1.4
Color	-		Opaque White
Thickness Tolerance	-	um	± 3 – 6
Optical			
Light Transmission	ASTM D1003-61	%	8 - 13
Mechanical			
Tensile Strength at Break	MD	GB/T 1040.3-06	> 140
	TD		
Tensile Elongation at Break	MD	GB/T 1040.3-06	80 - 90
	TD		
Thermal			
Standard Temperature Resistance	ASTM D1525-76	°C	> 105
Shrinkage at 130°C/30min	ASTM D1204	% (min)	0.5 – 1.5
Electrical			
Dielectric Strength	JIS C2151	V/um	60

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These are typical properties and are not intended for specifications purposes. If minimum certifiable properties are required, please contact your local sales representative. Reported values are based on 0.250mm thickness film unless otherwise noted.

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