

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	MPa	> 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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