



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 D1505	g/cm3	1.4	
Color	-		Opaque White	
Opacity	In House	%	≥ 93	
Thickness Tolerance	-	%	± 3 – 6	
Mechanical				
Tensile Strength at Break	MD	ASTM D882	MPa	≥ 140
	TD			
Tensile Elongation at Break	MD	ASTM D882	%	≥ 80
	TD			
Thermal				
Shrinkage at 130°C/30min	ASTM D1204	% (min)	0.5 – 1.5	
Electrical				
Dielectric Strength	JIS C2151	V/um	60	

Tenopex Plastics Co., Ltd

Unit 101, Building 2, No. 136, Hua Xia Road Qiaotou Town, Dongguan City, Guang Dong Province, China 523532
(86) 138 25753516 marketing@tenopexplastics-cn.cn
www.tenopexplastics.com

Global Sales Office

(852) 6888 0563 helen.koh@optimaplustgroup.com
(65) 87267516 helen.koh@optimaplustgroup.com

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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