

Tenopex® TX-CDX100K-MG Polyester Technical Data Sheet

Description and Applications

Tenopex® TX-CDX-100K-MG is a premium diffusing white polyester film, available in thickness ranging from 0.075mm – 0.275mm. With its superior coated and uniform matte diffusing surface, it is widely used in TFT, backlit display, display panel, T, mobile devices

Thickness : 0.1mm, 0.125mm, 0.188mm, 0.275mm

Typical Property Values

Property		Test Method	Units	Value
Physical				
Density		ASTM D792	g/cm3	1.4
Color		-	White	
Texture		-	Matte / Polished	
Optical				
Light Transmission		ISO 13468	%	73.4
Haze		ISO 13468	%	95.1
Mechanical				
Tensile Strength	MD ≥ 150	GB/T 13452.2-2009	MPa	185
	TD ≥ 150			204
Tensile Elongation at Break	MD ≥ 80	GB/T 13452.2-2009	%	153
	TD ≥ 80			99
Heat Shrinkage 85°C, 30min	MD ≤ 0.4	GB/T 13452.2-2010	%	0.28
	TD ≤ 0.3			0.08
Electrical				
Surface Resistivity		ASTM D257	Ω	10 ¹¹

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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 0.1mm thickness film unless otherwise noted.

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