

OptiPrint™ Polypropylene PP Blockout White Technical Data Sheet

Description and Applications

OptiPrint™ PP Blockout White is a premium white polypropylene copolymer sheet developed for visual display, printing and packaging applications that demand superior whiteness, opacity and surface flatness.

Engineered to deliver high visual impact, it offers excellent color reproduction and print adhesion across screen, UV and offset printing methods. OptiPrint™ PP Blockout White provides high opacity with minimal light transmission, producing brilliant image contrast and consistent results on both single and double sided graphics.

Available from 0.2mm to 1.8mm thickness with width up to 900mm

Typical Property Values

Property	Test Method	Units	Value
Physical			
Density	ASTM D792	g/cm ³	0.95
Thickness Tolerance	-	%	+/- 5
Width Tolerance	-	mm	-1 to +3
Roughness	DIN 4768	um	0.5 – 1.5
Dyne Level	ISO 8296	Dyne / cm	≥ 40
Optical			
Light Transmission	ASTM D1003	%	0 - 1
Mechanical			
Tensile Elongation at Yield	ASTM D638	%	≥ 3.0
Tensile Strength at Yield	ASTM D638	kg / cm ²	≥ 450
Thermal			
Brittleness Temperature	ASTM D746	°C	≤ -20
Thermal Shrinkage	ASTM D1204	%	≤ 2.0
Heat Deflection Temperature	ASTM D648	°C	> 100

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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 0.3mm thickness film unless otherwise noted.

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