

# PLEXIGLAS® Film White WF003

PMMA Film  
Evonik Industries AG

Message:

PLEXIGLAS® Film WF003 is a high weather resistant, glossy, and white acrylic film for graphic printings and high quality laminations. Due to its excellent performance under long term weathering and UV light exposure, PLEXIGLAS® Film WF003 does not present color change or yellowing. Its glossy and very smooth surface leads the film to have an excellent printing quality.

Application

PLEXIGLAS® Film WF003 can be used to be printed on as high quality film decoration and then laminated on different polymeric films and sheets. Laminated decoration films protected by PLEXIGLAS® are suitable for a wide range of molding processes such as thermoforming, and insert molding. PLEXIGLAS® Film WF003 can be used as a single face layer in high UV and weathering resistant durable labels and tapes without the need for an overlay film.

General Information			
Features	Excellent Printability		
	Good UV Resistance		
	Good Weather Resistance		
	High Gloss		
Uses	Labels		
	Laminates		
	Tape		
Appearance	White		
Forms	Film		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	DIN 53479
Surface Tension	50	mN/m	
Accelerated Weathering Resistance - method A, cycle 1, 65% RH <sup>1</sup>	No Visible Change		ISO 4892-2
Color Coordinate			DIN 5033
x	0.365		
y	0.367		
Films	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
Yield	5.0	%	
Break	> 50	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	94.0	°C	ISO 11357-2
NOTE			

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#### Recommended distributors for this material

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