

# ACRYLITE® Film White WF007

PMMA Film

Evonik Cyro LLC

## Message:

ACRYLITE® Film WF007 is a high weather resistant and glossy white acrylic film for destructible labels and tapes. The film is 100% acrylic based and therefore it contains no plasticizer and it is a completely PVC-free polymer. Thanks to its proprietary acrylic polymer formulation, the film displays a defined low elongation at break and high crack propagation. Due to its excellent performance under long term weathering and UV light exposure, ACRYLITE® Film WF007 does not present color change or yellowing. Its glossy and very smooth surface leads the film to have an excellent graphic quality surface.

**Application**  
ACRYLITE® Film WF007 is used as a single face layer in high UV and weathering resistant destructible labels and tapes.

General Information			
Features	Excellent Printability		
	Good UV Resistance		
	Good Weather Resistance		
	High Gloss		
Uses	Labels		
	Tape		
Appearance	White		
Forms	Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm <sup>3</sup>	DIN 53479
Surface Tension	50	mN/m	DIN 53364
UV Transmittance - 280 - 380 nm	0.0	%	DIN EN 410
Accelerated Weathering Resistance - method A, cycle 1, 65% RH <sup>1</sup>	No Visible Change		ISO 4892-2
Color Coordinate			DIN 5033
x	0.358		
y	0.370		
Films	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	41.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
Yield	5.7	%	
Break	25	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	101	°C	ISO 11357-2
NOTE			
1.	10,000 hr		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

