

ACRYLITE® Film 0F032 matt

PMMA Film
Evonik Cyro LLC

Message:

ACRYLITE® Film 0F032 matt is a very high UV and weather resistant acrylic film with both side matt surfaces for graphic printings and high quality laminations.

The film maintains high light transmission properties even though it displays a matt surface. Therefore it is suitable to create matt finishing effects even after printing and lamination.

The matt finish provides an anti-blocking effect in printing processes and light scattering can be achieved when used in illumination applications.

The irreversible anti-glare surface of ACRYLITE® Film 0F032 is not affected by thermoforming or deep drawing.

Application

ACRYLITE® Film 0F032 matt can be used to be printed on as high quality film decoration and then laminated on different polymeric films and sheets. Laminated decoration films based on ACRYLITE® are suitable for a wide range of molding processes such as thermoforming and insert molding.

In labels, tapes and graphic arts, ACRYLITE® Film 0F032 matt can be used as a matt single face layer or matt overlay in laminate systems for high UV and weathering protection.

Due to its good anti-glare and matt surface ACRYLITE® 0F032 matt can be used as overlay in high quality ID Cards.

General Information			
Features	Antiblocking		
	Excellent Printability		
	Good UV Resistance		
	Good Weather Resistance		
Uses	Film		
	Labels		
	Laminates		
	Tape		
Appearance	Matte Finish		
Forms	Film		
Processing Method	Laminating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	DIN 53479
Surface Tension	50	mN/m	DIN 53364
UV Transmittance - 280 - 380 nm	< 1.0	%	DIN EN 410
Accelerated Weathering Resistance - method A, cycle 1, 65% RH ¹	No Visible Change		ISO 4892-2
Films	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	35.0	MPa	ISO 527-3
Tensile Elongation			ISO 527-3
Yield	6.0	%	
Break	> 50	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	88.0	°C	ISO 11357-2

Optical	Nominal Value	Unit	Test Method
Gloss (60°)	22		DIN 67530
Transmittance ²	90.0	%	ISO 13468-2
NOTE			
1.	12,000 hr		
2.	D65		

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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

