



Bayfol® UV506 7-2 030002

Characterization

Bayfol UV506 7-2 030002 is an enhanced extrusion lamination film based on Makrolon® polycarbonate.

Properties / Applications

Bayfol UV506 7-2 030002 is virtually glare-free and has excellent scratch resistance. This product has been developed especially for critical graphic applications to provide UV resistance. Typical applications are gas pump graphics, harsh exterior environments, nameplates and labels.

Bayfol UV506 7-2 030002 is available in a standard thicknesses of 0.030" (750 microns). Other thicknesses are available on request. The surface combination of Bayfol UV506 7-2 030002 is one side velvet and one side very fine matte. As with any product, use of Bayfol UV506 7-2 030002 in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

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Document contains important information and must be read in its entirety.

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 **Bayfol®**

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Typical Properties*

Property	Test Method	Unit	Value
General			
Specific Gravity	ASTM D 792		1.21
Conversion Factor		ft ² /lb•mil m ² /kg•mm	159 0.826
Gloss 60° top side, black inked second surface	ASTM D 2457	gloss unit	4 to 9
Surface			velvet/v.f. matte
Mechanical			
Tensile Strength, Yield	ASTM D 882	psi	8,500
Elongation at Break	ASTM D 882	%	100
Tear Strength, Initiation	ASTM D 1004	lb/in	1,200
UV Resistance			
Xenon Arc. 3000 hr.	SAE J2527 C2	ΔYI	< 2
Xenon Arc. 3000 hr.	SAE J2527 C2	Δ E	< 1.0
Optical			
Light Transmittance	ASTM D 1003	%	> 70 (> 30 mil)
Yellowness Index	ASTM E 313		1

* These items are provided as general information only. They are approximate values and are not part of the product specifications.



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Other Information

Bayfol® is a registered trademark of Covestro AG.

Makrolon® is a registered trademark of Covestro AG.

Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling this product. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., safety data sheets and product labels. For further information contact your Covestro LLC representative or the Product Safety and Regulatory Affairs Department in Pittsburgh, PA.

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