

High Performance Film Based on KYNAR[®] PVDF

The extreme chemical and weather resistance properties of KYNAR[®] PVDF in a convenient, easy-to-process film

Physical Properties	Method	Units	301-CUH-HC	502-CUH-HC	302-PGM-TR	352-PGM-HC
Pigmented/Clear			Clear	Clear	Pigmented	Pigmented
Thickness	ISO 4593	µm	30	50	30	35
UV blocking			Yes	Yes	Yes	Yes
Adheflon [®] adhesive layer			Yes	Yes	No	Yes
Optical						
Transmittance (at 560 nm)	ASTM D1003	%	95	95	24	32
Haze, total *	ASTM D1003	%	<20	<15	N/A	N/A
Mechanical						
Tensile modulus	ISO 527-3, ASTM D882	MPa	1,800	1,800	1,900	1,700
Tensile strength		MPa	44	44	62	39
Strain at break		%	>150	>150	>150	>150
Electrical						
Dielectric strength	ASTM D149	kV/mm	100	100	100	100
Flammability						
Flammability Rating	UL 94				VTM-0	
Thermal						
Relative Thermal Index, mechanical	UL 746B	°C			150	
Relative Thermal Index, electrical	UL 746B	°C			140	
Roll						
Standard roll width		millimeter	1575	1270	1070, 1670	1423, 1880
Standard roll weight		kg	206	271	166, 260	248, 327
Standard roll length		meters	3000	3000	3000	3000
Core ID		millimeter	152.4	152.4	152.4	152.4
Specific gravity	ISO 1183	-	1.46	1.42	1.73	1.66
Unit weight	ISO 536	g/m ²	43.7	71.1	51.8	58
Area factor		m ² /kg	22.88	14.1	19.33	17.24

*Haze measured with an angle of 2° yielding larger values than the standard 2.5° angle.

** Tensile Modulus measured at 25 mm/min in accordance with test standards.

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Before handling this material, read and understand the MSDS (Material Safety Data Sheet) for additional information on personal protective equipment and for safety, health and environmental information.

For environmental, safety and toxicological information, contact our Customer Service Department at 1-800-kynar-500 to request a Material Safety Data Sheet or visit our website at www.kynar.com.

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