

## Technical Datasheet

## ACHILLES VINISTAR EXTRUDED

Achilles Vinistar Extruded

Product / Test method				Extruded 3S 0,75 mm		Extruded 3S 0,75 mm		
				137 cm		183 cm		
Major	Medium Items	Verification Items		MD	TD	MD	TD	
Basic Physical Properties	Thickness	Dial Gauge	[mm]	0,75		0,75		ISO 527 mutatis mutandis
	Total Light Transmittance	Tt	(%)	87,97		87,43		ASTM D1003 mutatis mutandis
		Haze	(%)	2,75		2,40		
	Tensile Test	100% Modulus	[N]	99	89	131	126	ISO 527 mutatis mutandis
			[MPa]	13	12	17	17	
		Tensile Strength	[N]	186	62	195	186	
		[MPa]	25	23	26	25		
Elongation	[N]	306	322	342	351			
	(%)	59	55	68	63			
Tear Test	Elmendorf	[N]	59	55	68	63	ASTM 1004 mutatis mutandis	
		[N/mm]	no data	no data	no data	no data		
	Heat Dimensional Stability	50°Cx10min.	(%)	-1,30	0,70	-1,50		ASTM D1204 mutatis mutandis
	Hardness (shore A)		(°C)	91,00		88,00		JIS mutatis mutandis
	Flame Resistance							
	Weather Resistance		(h)	1000		1000		ASTM D1499 mutatis mutandis

Product features
* <b>Extruded PVC Window Film</b>
* Reach compliant
* Made in Japan
* <b>Extremely high transparency</b>
* Available Thickness: 0.75mm and 1.00mm
* <b>UV-stabilised (Little to no risk of discolouration)</b>
* <b>Around 90% filtering of harmful UV radiation</b>
* <b>Easy to clean</b>
* Low haze after exposure to water
* Good weather resistance (including against frost)
* <b>Non-Stick Formulation (Quick Release)</b>
* Weldable (Hot-Air and High-Frequency)

M.D. = MACHINE DIRECTION  
T.D. = TRANSVERSE DIRECTION

\* Information stated on this data sheet is to best of our knowledge true and reliable but cannot be guaranteed.

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