

## 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 Items	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	8	26	5		
	Elongation	[%]	306	322	342	351			
		[N]	59	55	68	63	ASTM 1004 mutatis mutandis		
	Tear Test	Elmendorf	[N/mm]						
Heat Dimensional Stability	50°C×10min.	[%]		-1,30	0,70	-1,50		ASTM D1204 mutatis mutandis	
								JIS mutatis mutandis	
	Hardness (shore A)		[°C]		91,00	88,00			
	Flame Resistance								
Weather Resistance				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.

Wendt Europe  
Heereweg 21  
2161 AC Lisse  
Netherlands

T. +31 (0) 252 51 69 38  
E. hello@wendt-europe.com  
W. wendt-europe.com