

## Technical Datasheet

## ACHILLES VINISTAR CLASSIC

Achilles Vinistar Classic

Product / Test method			CLASSIC 3S 0,5 mm		CLASSIC 3S 0,75 mm		CLASSIC 4S 1,00 mm					
			137 cm		137 cm		137 cm					
Major Items	Medium Items	Verification Items	MD	TD	MD	TD	MD	TD				
Basic Physical Properties	Thickness	Dial Gauge	[mm]	0,50		0,75		1,00		ISO 527 mutatis mutandis		
	Total Light Transmittance	Tt	[%]	89,00		87,90		86,44		ASTM D1003 mutatis mutandis		
		Haze	[%]	1,70		2,00		2,37				
	Tensile Test	100% Modulus		[N]	58	60	90	80	105	90	ISO 527 mutatis mutandis	
				[MPa]	12	12	12	11	10	9		
		Tensile Strength	[N]	58	131	217	190	266	238			
			[MPa]	12	27	30	26	27	24			
	Elongation		[%]	338	342	369	379	405	437			
Tear Test				Elmendorf	[N]	77	77	83	78	74	72	ASTM 1004 mutatis mutandis
		[N/mm]						74	72			
Heat Dimensional Stability	50°C×10min.		[%]	-1,10	0,20	-1,40	0,40	-1,08	0,17	ASTM D1204 mutatis mutandis		
				Hardness (shore A)	[°C]	86,00		87,00		86,00		JIS mutatis mutandis
				Flame Resistance								
				Weather Resistance		802	803	800			ASTM D1499 mutatis mutandis	

### Product features

- \* Calendered
- \* **Reach compliant**
- \* Made in Japan
- \* Proven field performance
- \* **UV stabilised - Little discolouration**
- \* High Clarity - Transparency
- \* **Printable (screen printing)**
- \* Easy to clean
- \* 2-3% shrinkage
- \* Blocks 90% of UV harmful Solar Radiation
- \* Excellent weatherability (High & Low temperatures)

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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