

## Technical Datasheet

## ACHILLES VINISTAR SMOKE

Achilles Vinistar Smoke tint

Product / Test method				SMOKE 3S 0,5 mm		SMOKE 3S 0,5 mm		
				137 cm		183 cm		
Major Items	Medium Items	Verification Items		MD	TD	MD	TD	
Basic Physical Properties	Thickness	Dial Gauge	[mm]	0,50		0,50		ISO 527 mutatis mutandis
	Total Light Transmittance	Tt	[%]	58,00		58,00		ASTM D1003 mutatis mutandis
		Haze	[%]	9,30		9,30		
	Tensile Test	100% Modulus	[N]	60	61	60	61	ISO 527 mutatis mutandis
			[MPa]	12	13	12	13	
		Tensile Strength	[N]	123	127	123	127	
			[MPa]	25	26	25	26	
		Elongation	[%]	331	319	331	319	
	Tear Test	Elmendorf	[N]	74	74	74	74	ASTM 1004 mutatis mutandis
			[N/mm]					
	Heat Dimentional Stability	50°C×10min.	[%]	-0,80	0,20	-0,80	0,20	ASTM D1204 mutatis mutandis
	Hardness (shore A)		[°C]	85,00		85,00		JIS mutatis mutandis
	Flame Resistance							
	Weather Resistance							ASTM D1499 mutatis mutandis

### Product features

- \* Calendered
- \* **Reach compliant**
- \* Made in Japan
- \* Proven field performance
- \* UV stabilised - Little discolouration
- \* **Enhanced privacy**
- \* **Blocks 90% of UV Solar Raditation**
- \* **Various colours possible for special projects**
- \* **Easy to clean**
- \* Excellent weatherability (High & Low

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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