

Technical Datasheet

ACHILLES VINISTAR SUPER

Achilles Vinistar Super

Product / Test method				SUPER 3S 0,3 mm		SUPER 3S 0,4 mm		SUPER 3S 0,5 mm		SUPER 4S 0,65 mm		SUPER 3S 0,75 mm		SUPER 6,5S 0,75 mm					
				137 cm		137 cm		137 183 cm		137 cm		137 cm		137 cm					
Major	Medium Items	Verification Items		MD	TD	MD	TD	MD	TD	MD	TD	MD	TD	MD	TD				
Basic Physical Properties	Thickness	Dial Gauge	(mm)	0,29		0,39		0,50		0,65		0,75		0,75		ISO 527 mutatis mutandis			
	Total Light Transmittance	Tt	(%)	90,02		89,36		88,70		88,20		87,07		86,20		ASTM D1003 mutatis mutandis			
		Haze	(%)	1,43		1,49		1,50		2,30		2,06							
	Tensile Test	100% Modulus		(N)	37	34	49	44	45	42	77	69	94	81	54,00	51,00	ISO 527 mutatis mutandis		
				(MPa)	13	12	12	11	9	8	12	11	13	11	7	7			
		Tensile Strength	(N)	90	80	113	108	132	127	181	165	201	190	167,00	158,00				
		(MPa)	31	27	29	28	26	25	28	26	27	25	22	21					
	Elongation			(%)	372	376	367	392	358	377	364	404	365	415	460,00	450,00			
				(N)	28	28	32	35	39	37	47	46	62	60	49,00	47,00			
	Tear Test	Elmendorf		(N/mm)	96	95	95	89	78	75	no data	no data	83	80	no data	no data	ASTM 1004 mutatis mutandis		
Heat Dimensional Stability	50°Cx10min.		(%)	-1,00	0,00	-1,08	0,00	-1,08	0,25	-1,20	0,30	-1,00	-0,17	no data	no data	ASTM D1204 mutatis mutandis			
				Hardness (shore A)		(°C)	88,00		89,00		90,00		84,00		90,00		no data	no data	JIS mutatis mutandis
				Flame Resistance															
				Weather Resistance		(h)	800		800		800		800		800		800		ASTM D1499 mutatis mutandis

Product features
* Calendered
* Reach compliant
* Made in Japan
* Proven field performance
* UV stabilised - Little discolouration
* High Clarity - Transparency
* Non-stick formulation (Quick release)
* Easy to clean
* 2-3% shrinkage
* Blocks 90% of UV Solar Radiation
* Non printable
* 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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