

Material and colour:

Acetate 1AP113T

Thickness:

10/10 Application:

Safety

Requirements	According to	Test methods	Limits		Measured values	
Optical quality	ISO 16321-1 5.2.1	ISO 18526-1 6.1	Optical class:	1	Optical class:	1
Spherical refractive power			±0.06	m ⁻¹	PASS	m ⁻¹
Astigmatic refractive power			0.06	m ⁻¹	PASS	m ⁻¹
Transmittance tv	ISO 16321-1 6.2	ISO 18526-2 7.3	>80	% Filter Category G0	>89	% Filter Category G0
T=0	ISO 16321-1 6.3.3	ISO 18526-2 7.3	380	nm	PASS	nm
Scattered light	ISO 16321-1 7.6	ISO 18526-3 6.8.3	≤3	%	≤3	%
Quality of material and surface	ISO 16321-1 7.3	Visual inspection of full size sheet	PASS	Visual inspection	PASS	Visual inspection
Basic impact resistance	ISO 16321-1 7.4	ISO 18526-3 7.3.1	PASS	Ø25,4mm; 66,8g; drop hight 1,27m	PASS	
High speed impact at 23 ± 5 °C	ISO 16321-1 7.10.1	ISO 18526-3 7.3.2.1	PASS	>45 m/sec steel ball Ø6,0 mm, 0,86 g velocity (45± 1,5/-0) m/sec	PASS	
Resistance to Fogging	ISO 16321-1 7.13	ISO 18526-3 6.11	>30	sec	>30	sec
Resistance to ingnition	ISO 16321-1 7.8	ISO 18526-3 6.10	PASS		PASS	