

PROPERTY	TEST METHOD	UNITS	EXTRUDED MIRROR SHEETS
<u>GENERAL</u>			
Relative density	ISO 1183		1,2
Rockwell hardness (*)	ISO 2039-2	M Scale	101
Ball Indentation hardness(*)	ISO 2039-1	MPa	
Water Absorption	ISO 62	%	0,2
Flammability (*)	DIN 4102	%	B2
Flammability (*)	UL 94	%	HB
Flammability (*)	BS 476, Pt 7	Class	4
<u>MECHANICAL</u>			
Tensile strength	ISO 527 (a)	MPa	70
Elongation at break	ISO 527 (a)	%	4
Flexural strength	ISO 178 (b)	MPa	107
Flexural strength to 23°	DIN53452	MPa	120
Flexural modulus	ISO 178 (b)	MPa	3030
Charpy Impact strength	ISO 179 (c)	Kjm ⁻²	10
Coefficient of elasticity	DIN53452	MPa	3000
IZOD Impact strength	ISO 180/1A (d)	Kjm ⁻²	-
IZOD Impact strength with incision	ASTMD256A	K1/m ²	1,3
Share D scale hardness	ISO 3868	-	80
<u>THERMAL</u>			
Vicat Softening Point	DIN51306	°C	>103
Thermic conductivity	DIN52612	W/m/°c	0,19
Specific heat	ASTMC351	l/g/°C	1,32
Coefficient K of thermal insulation	DIN4701	W/m ² /C°	5,3
Coefficient of thermal expansion	ASTM D696	x10 ⁻⁵ k ⁻¹	7,8
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<u>ELECTRICAL</u>			
Surface resistlivity	IEC 93	& m ⁻²	>10 ¹⁴
Electrical strength	IEC 243	KV mm ⁻¹	
Dielectric constant to 50 Hz	DIN 53483		3,7
Dielectric constant to 1 MHz	DIN 53483		2,6
<u>PHYSICAL</u>			
Specific weight	DIN 53479	G/cm ²	1,20