



PROPERTY	UNIT	VALUE	STANDARD	VARIABLE
General				
Density	g/cm ³	1,2	ISO 1183	
Moisture absorption	%	0,15	ISO 62	24 h @ 23 °C, 50% RH
Mechanical				
Tensile strength at yield (at break)	N/mm ²	60 (70)	ISO 527	
Elongation at yield (at break)	%	6 (110)	ISO 527	
Elastic modulus	N/mm ²	>2300	ISO 527	
Flexural modulus	N/mm ²	>2300	ISO 178	
Charpy unnotched impact strength	kJ/m ²	No Breakage	ISO 179/1eU	-40 °C
Charpy notched impact strength	kJ/m ²	11	ISO 179/1eA	-30 °C
Izod notched impact strength	kJ/m ²	65	ISO 180/1A	23 °C
Izod notched impact strength	kJ/m ²	10	ISO 180/1A	-30 °C
Optical				
Refractive index		1,586	ISO 489	20 °C
Thermal				
Linear coefficient of thermal expansion	K ⁻¹	65*10 ⁻⁶	ISO 11359-2	20 - 70 °C
Heat deflection temperature, HDT A	°C	132	ISO 75	1,80 MPa
Heat deflection temperature, HDT B	°C	142	ISO 75	0,45 MPa
Vicat temperature VST/B 120	°C	149	ISO 306	
Vicat temperature VST/B 50	°C	148	ISO 306	
Thermal conductivity	W/(m*K)	0,20	ISO 8302	
Electrical				
Volume resistivity	Ω*m	>10 ¹⁴	IEC 60093	dry



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Electrical				
Surface resistivity	Ω	10^{16}	IEC 60093	dry
Dielectric strength	kV/mm	30	IEC 60243	dry
Dielectric constant		3	IEC 60250	dry 50 MHz
Dielectric constant		2,9	IEC 60250	dry 1 MHz
Dissipation factor (tan δ)		0,001	IEC 60250	dry 50 Hz
Dissipation factor (tan δ)		0,01	IEC 60250	dry 1 Mhz
Fire classification				
Fire rating EU		B-s1, d0	EN 13501-1	$0,75 \leq t \leq 6$ mm