

SNO.	PROPERTIES	METHOD	UNIT	COND	Value
1	Specific Gravity		g/cm ³		1.2
2	Luminous transmittance (clear transparent materials)	ISO 13468	%	3 mm	88
3	Coefficient of linear thermal expansion	ISO 11359	10 ⁻⁴ /K	parallel 23°C to 55 °C	0.65
4	Coefficient of linear thermal expansion	ISO 11359	10 ⁻⁴ /K	transverse 23 to 55 °C	0.65
5	Temperature of deflection under load	ISO 75	°C	0.45 MPa	141
6	Service temperature		°C		(-40 to +120)
7	Thermal conductivity	ISO 8302	W/(m·K)	cross-flow 23°C;50 % r. h.	0.2
8	Elongation at break	ISO 527	%	50 mm/min	130
9	Stress at break	ISO 527	Mpa	50 mm/min	70
10	Tensile modulus	ISO 527	Mpa	1 mm/min	2350
11	Yield stress	ISO 527	Mpa	50 mm/min	65
12	Izod notched impact strength	ISO 180-A	kJ/m ²	23 °C; 3 mm	70 P
13	Flexural strength	ISO 178	Mpa	2 mm/min	96
14	Effect of Soundproof		mm		10