



**technical specifications**

Density	ISO 1183	1.14	3
Condition of the test specimen		dry/humid (50%)	
Stress at yield	ISO 527	80/45	MPa
Elongation at break	ISO 527	70/200	%
Tensile modulus	ISO 527	3000/1000	MPa
Ball pressure hardness	ISO 2039-1	150/70	MPa
Standard for ball pressure hardness		H358/30	
Hardness Shore (A/D) or Rockwell (R/L/M)	ISO2039-2	D82/D68	-
Izod notched impact strength at 23°C	ISO 180/1A	8.3/NB	KJ/m
Charpy notched impact strength at 23 °C	ISO 179/1eA	7/80	KJ/m
Dielectric constant at 50 Hz	IEC 60250	4,0/12,0	-
Dielectric constant at 1 MHz	IEC 60250	3.5/7.0	-
Dissipation factor at 50 Hz	IEC 60250	100/3000	1E-4
Dissipation factor at 1 MHz	IEC 60250	310/3000	1E-4
Dielectric strength	IEC 60243-1	15	kV/mm
Thickness for electric strength		1.0	mm
Volume resistivity	IEC60093	10 <sup>13</sup> /10 <sup>10</sup>	Ohm · m
Surface resistivity	IEC 60093	10 <sup>13</sup> /10 <sup>10</sup>	Ohm
Comparative tracking index	IEC 60112	600	-
Thermal conductance	DIN 52 612	0.23	W/K m
Linear thermal expansion along / cross to direction of flow	ISO 11359	70 100	10 /K <sup>6</sup>
Melting point or glass transition temp.	ISO 11357	200	°