



**technical specifications**

Tensile yield strength	ASTM D638	Mpa	40
Elongation at yield	ASTM D638	%	20
Elongation at break	ASTM D638	%	48
Bending strength	ASTM D790	Mpa	50
Flexural modulus	ASTM D790	Mpa	1800
Charpy impact strength	ASTM D256	KJ/M	20
Hardness	ISO 868	Scale D	80
Dielectric constant	ASTM D150	-	3.2
Dielectric loss index	ASTM D150	-	0.017
Volumetric resistivity	ASTM D257	$\Omega \cdot \text{cm}$	10
Surface resistivity	ASTM D257	$\Omega$	10
Dielectric strength	ASTM D149	KV/mm	23
Thermal conductivity	DIN 52612-1	$\text{W}/(\text{m} \cdot \text{k})$	0.15
Long-term operating temperature	-	$^{\circ}\text{C}$	80
Short-term operating temperature	-	$^{\circ}\text{C}$	100
Hot Deformation Temperature	ASTM D648		85
proportion	ASTM D792	g/cm	
Water absorption rate	ISO 62	%	0.2
Flame retardant	UL 94	-	V-O