

Physical Properties	References	Unit	Test Method
Density	1.20±0.05	g/cm ³	ISO 1183
MFR(300°C/1.2kg)	11±2	g/10min	ISO 1133
Shrinkage	0.4-0.8	%	ISO 294-4
Mechanical Behaviour	References	Unit	Test Method
Tensile Strength	58±5	MPa	ISO 527
Flexural Strength	85±5	MPa	ISO 178
Flexural Modulus	2100±150	MPa	ISO 178
Impact	References	Unit	Test Method
Izod Impact, Notched	23°C 64±5 -35°C 55±5	KJ/m ²	ISO 180
Electrical Properties	References	Unit	Test Method
Dielectric Strength	≥35	kV/mm	GB/T1408.1-2006/IEC602
Dielectric Strength	≥17	kV/mm	GB/T1408.1-2006/IEC602
Volume Resistivity	≥1.E+16	Ω • cm	GB/T1410(IEC60093)
UL Security Features	References	Unit	Test Method
Flame Retardant	V0	Level	UL94
CTI	2	Level	UL746A
GWFI	960	°C	IEC60695-2-12
HWI(PLC)	PLC 1		UL746A
HAI(PLC)	PLC 0		UL746A
Other Performance	References	Unit	Test Method
UV-Light	F1		UL746C
Resistant to Oil and Water	PASSED		GB/T11547
Resistant to Moisture	PASSED		GB/T11547
Hazardous Elements	PASSED		Rohs2.0\SVHC