

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	2700 / 1000	MPa	ISO 527
Tensile Strength	80 / 40	MPa	ISO 527
Strain at break	25 / >50	%	ISO 527
Charpy impact strength, +23°C	N / N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6 / 60	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	80 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	185 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	HB / *	class	IEC 60695-11-10

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Surface resistivity	* / 1E11	Ohm	IEC 62631-3-2
Electric strength	18 / -	kV/mm	IEC 60243-1

Other properties	dry / cond	Unit	Test Standard
Water absorption	1.3 / *	%	Sim. to ISO 62
Density	1140 / -	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Regional Availability

Europe