

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	9000 / 6000	MPa	ISO 527
Tensile Strength	140 / 100	MPa	ISO 527
Strain at break	3 / 5	%	ISO 527
Charpy impact strength, +23°C	45 / 55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7.5 / 11	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	200 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215 / *	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0 / *	class	IEC 60695-11-10

Electrical properties	dry / cond	Unit	Test Standard
ISO Data			
Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
Electric strength	35 / -	kV/mm	IEC 60243-1

Other properties	dry / cond	Unit	Test Standard
Water absorption	0.7 / *	%	Sim. to ISO 62
Density	1390 / -	kg/m ³	ISO 1183

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Additives

Lubricants

Special Characteristics

Flame retardant

Applications

Electrical and Electronical

Regional Availability

Europe