

4TECH 9A22740 HFR5

PA66-CF40

4Plas

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	40000	MPa	ISO 527
Stress at break	220	MPa	ISO 527
Strain at break	1	%	ISO 527
Izod notched impact strength, +23°C	12	kJ/m ²	ISO 180/1A
Izod notched impact strength	11	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	262	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	255	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thicken.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	0.1	Ohm*m	IEC 62631-3-1
Surface resistivity	10	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1520	kg/m ³	ISO 1183
Moisture Content	0.2	%	-

Characteristics**Special Characteristics**

Flame retardant, Halogen-free, Heat stabilized or stable to heat

Regional Availability

Europe