

4MID 9B22140 HUV

PA6-GF40

4Plas

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2 / *	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	12500 / 8000	MPa	ISO 527
Stress at break	160 / 110	MPa	ISO 527
Strain at break	2.5 / -	%	ISO 527
Izod impact strength, +23°C	80 / -	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	14 / -	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	12 / - -30	kJ/m ² °C	ISO 180/1A -
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	223 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	210 / *	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	220 / *	°C	ISO 75-1/-2
Vicat softening temperature, B	215 / *	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn. Thickness tested	HB / * 1.6 / *	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	HB / * 0.8 / *	class mm	IEC 60695-11-10 -
Electrical properties			
ISO Data			
Volume resistivity	1E13 / -	Ohm*m	IEC 62631-3-1
Surface resistivity	* / 1E13	Ohm	IEC 62631-3-2
Comparative tracking index	500 / -	-	IEC 60112
Other properties			
Density	1460 / -	kg/m ³	ISO 1183
Moisture Content	0.2	%	-

Characteristics**Special Characteristics**

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Regional Availability

Europe