

SLOVAMID®6 BT HV TLS

PA6

Plastcom, spol. s r.o.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	1	g/10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	1.5	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	3200	MPa	ISO 527
Tensile Strength	84	MPa	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	222	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	51	°C	ISO 75-1/-2
Vicat softening temperature, B	192	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Electric strength	18	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112
Other properties			
Density	1130	kg/m ³	ISO 1183
Moisture Content	0.15	%	-

Characteristics**Processing**

Injection Molding, Other Extrusion

Delivery form

Natural Color

Special Characteristics

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

Applications

Electrical and Electronical, Sports Equipment

Regional Availability

Europe