

Product Texts

MAGNETIC PROPERTIES:

Remanence (Br) @ 20°C - 125.0mT

Coercivity(BHc - HcB) @ 20°C - 5 kA/m

IntrinsicCoercivity (IHc - HcJ) @ 20°C - 250 kA/m

Energy density ((BH) max) @ 20°C - 3kJ/m³

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Molding shrinkage, normal	0.8	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9000	MPa	ISO 527
Stress at break	35	MPa	ISO 527
Strain at break	1	%	ISO 527
Charpy impact strength, +23°C	10	kJ/m²	ISO 179/1eU
Charpy notched impact strength, +23°C	2	kJ/m²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	95	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	150	°C	ISO 75-1/-2
Vicat softening temperature, B	160	°C	ISO 306
Coeff. of linear therm. expansion, parallel	120	E-6/K	ISO 11359-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	0.75	mm	-

Other properties	Value	Unit	Test Standard
Density	3270	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	250 - 270	°C	-
Mold temperature	70 - 90	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Heat stabilized or stable to heat

Features

Metal Detectable

Regional Availability

Europe