

Product Texts

Metalsubstitution.

Processing/Physical Characteristics

	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	14	cm ³ /10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.6	%	ISO 294-4, 2577

Mechanical properties

	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	16100	MPa	ISO 527
Stress at break	200	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Charpy impact strength, +23°C	65	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA

Thermal properties

	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	250	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	235	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Yellow Card available	yes	-	-

Other properties

	Value	Unit	Test Standard
Density	1720	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Chemical Resistance

General Chemical Resistance

Certifications

Recycled Resin Content

Applications

Automotive, Electrical and Electronical

Regional Availability

Europe, Asia Pacific