

ISODUR®	Code	
	Grade	B 15 10 GF30
	Polymer	PBT
	Application	Injection moulding

30% glass fiber reinforced polybutylene terephthalate. Good impact strength. Low warpage.

Properties	Method	Unit	Value
Physical			
Density at 23°C	ISO 1183	g/cm ³	1,48
Mould Shrinkage (%)	INTERNAL	%	0,2 - 0,5
Thermal			
Vicat B50	ISO 306	°C	210
HDT, A (1.80 MPa)	ISO 75/Af	°C	205
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	8500
Flexural strenght (23°C - 2 mm/min)	ISO 178	MPa	160
Tensile stress at break (23°C-5 mm/min)	ISO 527-2	MPa	110
Tensile elong. at break (23°C-5 mm/min)	ISO 527-2	%	3,5
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m ²	9
Flammability Class			
Flammability class (3,0 mm)	UL94		HB

Regulations compliance

RoHS compliance status: **COMPLIANT**

EN71:

UL listed file n°:

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Water contact approvals.

Food contact status:

Revision number/date: 0 FEB 22

[§] Moulding shrinkage is not an intrinsic property of plastics. It also depends on moulding parameters. The values reported have been calculated in the direction parallel to the flow in a 3.0 x 125 x 160 mm sample.

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