WIS Kunststoffe GmbH

Technical Datasheet

PreTer GF20 /A/126 schwarz

PBT, Compound, schwarz 118836

Technical Data	Norm	Value	Unit
Rheological properties			
MFI (Melt Flow Index) (250°C/2,16kg)	ISO 1133	30	cm³/10min
Mechanical properties			
Tensile modulus (1mm/min)	ISO 527-2	5.500	MPa
Tensile strength (5mm/min)	ISO 527-2	75	MPa
Tensile Strain at Break (5 mm/min)	ISO 527-2	3,5	%
Flexural modulus (5mm/min)	ISO 178/A	5.200	MPa
Charpy unnotched impact strength (23°C)	ISO 179	35	kJ/m²
Charpy notched impact strength (23°C)	ISO 179	5	kJ/m²
Thermal properties			
Vicat softening temperature B50	ISO 306	210	°C
Heat deflection temperature (1,80MPa)	ISO 75	200	°C
Flammability (1,5mm)	UL94	HB	class
Physical properties			
Density	ISO 1183	1,45	g/cm³
Ash Content	ISO 3451	20	%
Processing conditions			
Mould temperature		80 - 100	°C
Melt temperatur range		240 - 270	°C
Drying Temperature		100 - 120	°C
Drying Time		3 - 6	h

Guideline:

The abovementioned information and our application specific advice, references or recommendations, whether oral or in writing, are to the best of our knowledge, but shall be treated as non-binding guidelines only, also in relation to any potential third party intellectual property rights. The results were derived from a laboratory test that was carried out under ideal and predefined conditions on samples without any accessory agents such as master batches or additives. Consequently, they are not to ensure the fitness of the Products‘ specific properties for a particular purpose. In particular they will not release the buyer from examining our Products for their suitability for the intended use or purposes. We guarantee impeccable quality under our general terms and conditions of sale and delivery. The figures quoted are approximate.

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