



## TECHNICAL DATASHEET

# DIJLOX 03 GF15 HF FR

PBT Compound Glass Filled 15% flame retardant | Colour: RAL 7035

Property	Method	Measurement condition	Unit	Values
Melt flow rate	ISO 1133	260 °C/2,16 Kg	g /10 min	55
Ash Content	Inhouse method	640 °C	%	15
Izod Impact Strength at 23 °C	ISO 180	notched	kJ/m2	5
Izod Impact Strength at 23 °C	ISO 180	unnotched	kJ/m2	34
Tensile modulus	ISO 527-1	1 mm/min	MPa	6800
Tensile Strenght	ISO 527	10mm/min	MPa	110
Flexural Modulus	ISO 178	2 mm/min	MPa	6500
Heat Deflection temperature	ISO 75A	A	°C	210
Flammability	UL-94	1,5	mm	V-0
Density	ISO 1183-1	method A	g/cm3	1,52
Moldshrinkage	Inhouse method		%	0,4

### Application data

Description	PBT Compound Glassfilled 15%
Application	Injection Moulding
Drying conditions	100 - 120 °C , 6 - 8 hours moisture content < 0,04%
Moulding temperature - Nozzle	250 - 270 °C
Moulding temperature - Barrel	240 - 280 °C
Mold Temperature	60 - 100 °C
Compression ratio	2:1 - 2,5:1
Injection Pressure	Low to medium
Injection Speed	Fast ram speed
Hold pressure	Low to medium
Screw speed	0,05 - 0,2 m/s
Cushion	4 - 6 mm
Back pressure	0 - 1,0 MPa

This information contained in this document is based on testing carried out by our laboratory. To the best of our knowledge and at the time of publication, this information is true and accurate. It shall however, in no event be held to constitute or imply warranty, undertaking express or implied commitment from the part of supplier. No liability whatsoever can be accepted by supplier with regard to the handling, processing or use of the product concerned which must in all cases be used in accordance with all applicable laws and regulations. Material is conform RoHS and Reach regulations and without heavy metals rev.date 28 03 2017.

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