



Document	ISO Datasheet
Description	PP TD 20
Grade	ISOFIL H 20 TP X NA
Code	
Application	Injection Moulding

20% talc filled homopolymer polypropylene. Natural colour.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	9
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	1,05
Mould Shrinkage (%)	INTERNAL	%	1,2
Filler Content (1h/600°C)	ISO 3451	%	20
<b>Thermal</b>			
Vicat A50	ISO 306	°C	100
HDT, A (1.80 MPa)	ISO 75/Ae	°C	75
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO178	MPa	2600
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	32
Tensile stress at break (23°C-50 mm/min)	ISO 527-2	MPa	23
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	3,0
<b>Flammability Class</b>			
Flammability class (3,0 mm)	UL94		HB
<b>Regulations compliance</b>			
RoHS compliance status	COMPLIANT		
<b>EN71</b>			
UL listed file n°			
<b>Water contact approvals</b>			
Food contact status	EU		

§ 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 12.7 x 127 mm sample.

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