



Document	ISO Datasheet
Description	PP TD 40
Grade	GREEN ISOFIL H 40 TG F HS BK
Code	
Application	Automotive / Under the hood

40% talc filled recycled polypropylene with 30% circular polymer source. Good flowability. Heat stabilized. Black colour.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	15
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	1,23
Filler Content (0,5h/750°C)	ISO 3541	%	40
Melting Temperature	INTERNAL	°C	164
<b>Thermal</b>			
HDT, A (1.80 MPa)	ISO 75/Ae	°C	77
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	3500
Flexural strength (23°C - 2 mm/min)	ISO 178	MPa	47
Charpy notched impact strength (23°C)	ISO 179/1eA	KJ/m <sup>2</sup>	3
Charpy unnotched impact strength (23°C)	ISO 179/1eU	KJ/m <sup>2</sup>	15
Tensile strength (23°C-50 mm/min)	ISO 527-2	MPa	31
<b>Flammability Class</b>			
Flammability class (1,6 mm)	UL94		HB
<b>Regulations compliance</b>			
RoHS compliance status			
EN71			
UL listed file n°			
Water contact approvals			
Food contact status			

<sup>§</sup> 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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