



Document	ISO Datasheet
Description	PP TD 20
Grade	GREEN ISOFIL H 20 TG F HS BK1
Code	
Application	Automotive / Under the hood

20% talc filled polypropylene with 30% circular polymer source. Good flowability. Heat stabilized. Black colour.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	12
Density at 23°C	ISO 1183	g/cm ³	1,04
Filler Content (0,5h/750°C)	ISO 3541	%	20
Melting Temperature	INTERNAL	°C	164
Thermal			
HDT, A (1.80 MPa)	ISO 75/Ae	°C	60
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2000
Flexural strength (23°C - 2 mm/min)	ISO 178	MPa	42
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	30
Charpy notched impact strength (23°C)	ISO 179/1eA	KJ/m ²	4
Charpy unnotched impact strength (23°C)	ISO 179/1eU	KJ/m ²	35
Flammability Class			
Flammability class (1,6 mm)	UL94		HB
Regulations compliance			
RoHS compliance status			
EN71			
UL listed file n ^o			
Water contact approvals			
Food contact status			

[§] 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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