



Document	ISO Datasheet
Description	PP TD 40
Grade	ISOFIL K 40 T xxx HB
Code	
Application	WASHING MACHINE /DISHWASHER

40% talc filled copolymer polypropylene. Heat stabilized.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	8
Density at 23°C	ISO 1183	g/cm3	1,23
Mould Shrinkage (%)	INTERNAL	%	0,8 – 1,0
Filler Content (1h/600°C)	ISO 3451-1	%	40
Thermal			
Vicat B50	ISO 306	°C	90
HDT, A (1.80 MPa)	ISO 75/Ae	°C	85
Mechanical at 23 °C			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	3800
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	30
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	2,6
Flammability Class			
Flammability class (1,5 mm)	UL94		HB
Regulations compliance			
RoHS compliance status	COMPLIANT		
EN71			
UL listed file n°	QMFZ2.E220931		
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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