Document	ISO Datasheet
Description	PP TD 20
Grade	ISOFIL K 20 T xxx HB
Code	
Application	COFFEE MACHINE/VACUUM CLEANER/PRESSURE WASHER

20% talc filled copolymer polypropylene.

Properties	Method	Unit	Value
Physical			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	16
Density at 23°C	ISO 1183	g/cm3	1,05
Mould Shrinkage (%)	INTERNAL	%	0,9 – 1,1
Filler Content (1h/600°C)	ISO 3451-1	%	20
Thermal			
Vicat B50	ISO 306	°C	75
HDT, A (1.80 MPa)	ISO 75/Ae	°C	60
Mechanical at 23 ºC			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2300
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	26
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m^2	6,5
Flammability Class			
Flammability class (1,5/3,0 mm)	UL94		HB
Regulations compliance			
RoHS compliance status	COMPLIANT		
EN71			
UL listed file nº	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.

Disclaimer

Sirmax s.p.a.
E.A.R. N° 91334
P.IVA 00168180248
sirmax@sirmax.com

Group Headquarter:
Viale dell'Artigianato, 42
35013 Cittadella (PD) – Italy
Tel. +39 049 9441111 – Fax +39 049 9441112

The product(s) mentioned herein are not intended to be used for medical, pharmaceutical or healthcare applications and we do not support their use for such applications.

The value above is the representative value of the NP standard and may have deviation. It can only be used for selecting materials and shall not be regarded as a material specification and cannot be used for molding designs. Information inserted in this document such as data, statements, representative values, etc. are provided solely for customer convenience. It does not expressly or impliedly guarantee anything regarding the safety or practicability of the (1) materials, (2) products, and/or (3) design that utilizes recommendations or proposals, of Sirmax. Furthermore, nothing in the contents of this document shall have any legal binding effect, and especially, the representative value is simply for reference and is not a minimum value that has legal binding effect.

Whether materials and/or products of Sirmax and/or a design that uses or utilizes Sirmax recommendations or proposals are (is) compatible with individual uses shall be determined solely by each user and such user shall be solely responsible for any results, including but not limited to, any and all loss and damages incurred due to such uses. Users must implement and verify all testing and analyses for proving the safety and compatibility of final products that have been created or altered by using Sirmax's materials or products. The data and values inserted and/or contained in this document may be changed due to quality improvement of the product without any prior notification.

Sirmax s.p.a.
E.A.R. N° 91334
P.IVA 00168180248
sirmax@sirmax.com

Group Headquarter:
Viale dell'Artigianato, 42
35013 Cittadella (PD) – Italy
Tel. +39 049 9441111 – Fax +39 049 9441112