ISO Datasheet

GREEN®		
	Code	RGT04V2BK2298UY00E
	Grade	ISOFIL RV 4321Y BK2298
	Polymer	Polypropylene
	Application	Automotive / Interior

20% talc filled polypropylene with a minimum circular polymer source content of 25%. UV stabilized. Scratch resistant. Black colour.

Properties	Method	Unit	Value
Physical			
Melt Flow Rate (230°C - 2,16 Kg)	ISO 1133	g/10´	15
Density (23°C)	ISO 1183	g/cm3	1.07
Filler Content (0,5h - 750°C)	ISO 3451-1	%	20
Thermal			
HDT, A (1,80 MPa)	ISO 75/Af	°C	56
Vicat B50	ISO 306	°C	57
Mechanical			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2000
Charpy notched impact strength (23°C)	ISO 179/1eA	KJ/m²	13
Tens. stress at yield(23°C - 50 mm/min)	ISO 527-2	MPa	21
Tens. elong. at yield(23°C - 50 mm/min)	ISO 527-2	%	5
Flammability			
Flammability class (3,0 mm)	UL94		HB
Processing Conditions			
Melt Temperature Range	ISO 294	°C	200 - 220
Drying Temperature	INTERNAL	°C	80
Drying Time	INTERNAL	h	2
Mold Temperature Range	ISO 294	°C	40 - 70
Injection Velocity	ISO 294		MEDIUM

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Properties	Method	Unit	Value
Other			
Recycled Polymer Fraction	INTERNAL		25
Recycled Polymer Source	INTERNAL		Post Consumer
Regulation compliance			
ROHS compliance status:			
EN71:			
UL listed file nr.:			
Water contact approval:			
Food contact status:			
Technical documents			
Material Safety datasheet:	GREEN		

Revision number/date: 0 JUN 24

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

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