SIRMAX®

Isoblend®

Document	ISO Datasheet
Description	PC/ASA
Grade	A S 15 15 V0 UV
Code	
Application	Car grills, electric housing for outdoor.

Blend PC/ASA flame retardant UL94 V0 3,00mm, UV resistance.

Properties	Method	Unit	Value
Physical			
Melt Flow Rate (260°C – 5,00 Kg)	ISO 1133	g/10'	13
Density at 23°C	ISO 1183	g/cm3	1,17
Mould Shrinkage (%)	INTERNAL	%	0,5
Thermal			
Vicat B50	ISO 306	°C	100
HDT, A (1.80 MPa)	ISO 75/Af	°C	93
Mechanical at 23 ºC			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2500
Tensile stress at break (23°C-50 mm/min)	ISO 527-2	MPa	55
Tensile elong. at break (23°C-50 mm/min)	ISO 527-2	%	>40
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m²	17
Charpy notched impact strength (23°C)	ISO 179/1eA	KJ/m²	17
Charpy unnotched impact strength (23°C)	ISO 179/1eU	KJ/m²	NB
Flammability Class			
Glow Wire Flammability Index GWFI (3,0 mm)	IEC 60695-2-12	°C	850
Flammability class (3,0 mm)	UL94		V0
Processing Conditions			
Melt Temperature Range	ISO 294	°C	260-280
Mold Temperature Range	ISO 294	°C	70-90
Injection Velocity	ISO 294		HIGH
Drying Temperature		°C	90-100
Drying Time		Hour	3
Regulations compliance			
RoHS compliance status	COMPLIANT		
EN71			

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

SIRMAX GROUP

UL listed file nº

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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