



<b>Document</b>	ISO Datasheet
<b>Description</b>	PC/ASA ALLOY FR
<b>Grade</b>	A S 15 15 V0 UV
<b>Code</b>	
<b>Application</b>	GAS SENSOR FRAME

PC/ASA alloy. Flame retardant, halogen free. UV stabilized.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (260°C – 5 Kg)	ISO 1133	g/10'	28
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	1,17
Mould Shrinkage (%)	INTERNAL	%	0,5
<b>Thermal</b>			
Vicat B50	ISO 306	°C	100
HDT, A (1.80 MPa)	ISO 75/Ae	°C	95
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	2500
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	60
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	17
<b>Flammability</b>			
Flammability class (1,5 mm)	UL94		V0
<b>Processing Conditions</b>			
Melt Temperature Range	ISO 294	°C	240 – 270
Mold Temperature Range	ISO 294	°C	60
Injection Velocity	ISO 294		High
Drying Temperature		°C	80 – 90
Drying Time		h	3
<b>Regulations compliance</b>			
RoHS compliance status:	COMPLIANT		
EN71:			
UL listed file n°:			
Water contact approvals.			

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## Food contact status:

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§ 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 4.0 x 10.0 x 170 mm sample.

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### 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