



Document	ISO Datasheet
Description	PP FR
Grade	ISOPLLEN FR V2 NA
Code	
Application	Injection Moulding

Not filled polypropylene copolymer. Flame retardant with low hallogen content. Natural colour.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	10
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	0,92
Mould Shrinkage (%)	INTERNAL	%	1,4
<b>Thermal</b>			
Vicat B50	ISO 306	°C	72
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	1400
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	25
Tensile elong. at yield (23°C-50 mm/min)	ISO 527-2	%	5,0
Tensile stress at break (23°C-50 mm/min)	ISO 527-2	MPa	20
Tensile elong. at break (23°C-50 mm/min)	ISO 527-2	%	160
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	10
<b>Flammability Class</b>			
Flammability class (3,0 mm)	UL94		V2
<b>Regulations compliance</b>			
RoHS compliance status			
EN71			
UL listed file n°	QMFZ2.E220931		
Water contact approvals			
Food contact status			

<sup>§</sup> 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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### **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