



Document	ISO Datasheet
Description	PP
Grade	ISOPLen A K F NAT NA1
Code	
Application	Injection Moulding

Unfilled copolymer polypropylene. Good flowability. Natural colour.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C - 2,16 Kg)	ISO 1133	g/10'	13
Density at 23°C	ISO 1183	g/cm <sup>3</sup>	0,90
Mould Shrinkage (%)	INTERNAL	%	1,3 – 1,5
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	1300
Tensile stress at yield (23°C-50 mm/min)	ISO 527-2	MPa	20
Tensile elong. at yield (23°C-50 mm/min)	ISO 527-2	%	10
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	11
Izod notched impact strength (-20°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	4,7
<b>Regulations compliance</b>			
RoHS compliance status	COMPLIANT		
EN71			
UL listed file n <sup>o</sup>			
Water contact approvals			
Food contact status	EU, FDA, CHINA		

<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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