

## ISOPLLEN FR V2 WT

**Description: Flame retardant unfilled polypropylene.**

Cod. UV stabilized: Heat stabilized: Antistatic:

**Application : hoods**

PROPERTIES	TEST	UNIT	REF. VALUE
<b>Physical</b>			
Melt Flow Rate	ASTM D1238	g/10'	<b>20</b>
Density at 23°C	ASTM D792	g/cm <sup>3</sup>	<b>0.98</b>
Moulding shrinkage	Internal**	%	<b>1.4</b>
Filler and % content		%	
<b>Thermal</b>			
VICAT B/50 N	ASTMD1525	°C	<b>95</b>
HDT under 1820 KPa load	ASTM D648	°C	<b>70</b>
<b>Mechanical</b>			
Flexural Modulus at 23°C	ASTM D790	MPa	<b>1600</b>
Tensile strenght at yield at 23°C	ASTM D638	MPa	<b>31</b>
Tensile strenght at break at 23°C	ASTM D638	MPa	<b>26</b>
Elongation at break at 23°C	ASTM D638	%	
Notched IZOD at 23°C	ASTM D256	J/m	<b>35</b>
Notched IZOD at - 20°C	ASTM D256	J/m	
Unnotched IZOD at 23°C	ASTM D256	KJ/m <sup>2</sup>	
<b>Flammability</b>			
Flammability class	UL 94	1.6mm.	<b>V2</b>
Glow Wire Flammability Index: 3 mm	CEI EN 60695-2-12	°C	
<b>Approvals and legal status</b>			
UL Listed file n°:	RoHS compliance status*: Compliant		
Food contact status 2002/72/CE *:	Water Contact Approvals *:		

\*\* Note: Moulding shrinkage is not an intrinsic property of plastics. It depends also on moulding parameters. The values reported have been calculated from a sample with dimensions 3.0 x 12.7 x 127 mm, where shrinkage was measured in the direction of the length, parallel to the mould flow.

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