



Document	ISO Datasheet
Description	PP FR
Grade	DAFNELEN HR 17/Y
Code	
Application	ELECTRICAL BOX STRUCTURE

Unfilled homopolymer polypropylene.Flame Retardant grade Halogen-free according to IEC 61249-2-21.

Properties	Method	Unit	Value
<b>Physical</b>			
Melt flow rate (230°C – 2,16 Kg)	ISO 1133	g/10'	17
Density at 23°C	ISO 1183	g/cm3	<1
Mould Shrinkage (%)	INTERNAL	%	1,8 – 2,0
<b>Thermal</b>			
Vicat B50	ISO 306	°C	90
HDT, A (1.80 MPa)	ISO 75/Ae	°C	60
<b>Mechanical at 23 °C</b>			
Flexural Modulus (23°C - 2 mm/min)	ISO 178	MPa	1500
Tensile stress at yield (23°C-5 mm/min)	ISO 527-2	MPa	35
Izod notched impact strength (23°C) ISO	ISO 180/1A	KJ/m <sup>2</sup>	5,0
<b>Flammability</b>			
Flammability class (1,6 mm)	UL94		V2
<b>Processing Conditions</b>			
Melt Temperature Range	ISO 294	°C	210 - 230
Mold Temperature Range	ISO 294	°C	40 – 60
Injection Velocity	ISO 294		Medium
Drying Temperature		°C	70 - 80
Drying Time		h	0,5 - 2
<b>Regulations compliance</b>			
RoHS compliance status:	COMPLIANT		
EN71:			
UL listed file n°:			

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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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