



EXTENDED PP H30 01 GF1

Description

Polypropylene, Homopolymer, 30% Glass Fiber Reinforced, Chemically coupled.

<i>Physical Property</i>	<i>Value</i>	<i>Unit</i>	<i>Test Standard</i>
Density	1,104	g/Cm3	ISO 1183
Melt Flow Rate (230/2,16Kg)	3	g/10'	ISO 1133

<i>Mechanical Property</i>	<i>Value</i>	<i>Unit</i>	<i>Test Standard</i>
Tensile Modulus	7140	Mpa	ISO 527-2
Tensile Stress @ Break, 5mm/min	90	Mpa	ISO 527-2
Tensile Strain @ Break, 5mm/min	5	%	ISO 527-2
Flexural Modulus	6000	MPa	ISO 178
Flexural Strength	130	MPa	ISO 178
Izod Impact Strength @ 23°C	-	KJ/m2	ISO 180/1A
Izod Impact Notched @ 23°C	13,6	KJ/m2	ISO 180/1U

<i>Thermal Property</i>	<i>Value</i>	<i>Unit</i>	<i>Test Standard</i>
HTD at 1,82 Mpa	151,6	°C	ISO 75-1
Flammability at 1,5mm	HB	Class	UL 94

Injection Moulding Processing Conditions

<i>Pre Drying</i>	<i>Value</i>	<i>Unit</i>
Drying Time	2-3	h
Drying Temperature	80-100	°C

<i>Temperature</i>	<i>Value</i>	<i>Unit</i>
Zone 1 Temperature	200-220	°C
Zone 2 Temperature	220-240	°C
Zone 3 Temperature	240-260	°C
Nozzle Temperature	240-250	°C
Mould Temperature	40-80	°C

General Disclaimer

The information and data contained herein is believed to be accurate and are given in good faith.

However, accuracy is not guaranteed and no warranty nor representation in such regard or in connection with any of the products referred to herein is given and Benvic Srl disclaims all liability accordingly, whether in contract tort or otherwise.

Contact Information

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