



Novapex HD20GF

Compounded Polyolefin

Description	Novapex HD20GF is a 20 % glass filled thermoplastic compound.
Applications	Extrusion blow moulding for various industrial and commercial parts and products.
Characteristics	This grade offers great impact strength, good resistance to environmental stress cracks with high rigidity. Novapex HD20GF can be colour compounded to customer specification.

Typical Properties		Value	Unit	Method
Physical				
Density		1.05	g/ cm ³	ISO 1183
Melt Flow Index (Carrier polymer)	190 °C, 5kg	0.2	g/ 10 min	ISO 1133
Mechanical				
Tensile Strength	at yield (23 °C)	30	MPa	ISO 527-2
Modulus of elasticity	23 °C	1594	MPa	ISO 527-2
Flexural Modulus	23°C	1872	MPa	ISO 178
Izod Impact	Notched (23 °C, 2.75 J)	17	kJ/ m ²	ISO 180
	Unnotched (23 °C, 2.75 J)	-	kJ/ m ²	ISO 180
Ash content		20	%	ISO 3451-4

Typical Process Conditions	Material should be dried for 2 hours at 70 °C Temperature 190 – 210 °C Mold Temperature 30 °C
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Disclaimer

This information is not to be taken as warranty or representation for which we assume legal responsibility nor a permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation, verification and shall form no part of any contract with customer.

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