



## Novapex 4540H 30GF

### Compounded Polyolefin

Description	<b>Novapex 4540H 30GF</b> is a natural colour, 30 % glass filled thermoplastic compound.
Applications	Industrial as well as household applications where great flexural strength is required. This material is ideal for injection moulding.
Characteristics	This grade provides a great combination of flexibility as well as resistance to impact.

Typical Properties		Value	Unit	Method
<b>Physical</b>				
Density		0.92	g/ cm <sup>3</sup>	ISO 1183
Melt Flow Index (Carrier Polymer)	230 °C	36	g/ 10 min	ISO 1133
<b>Mechanical</b>				
Tensile Strength	at yield (23 °C)	105	MPa	ISO 527-2
Modulus of elasticity	23 °C	3637	MPa	ISO 527-2
Flexural Modulus	23°C	6504	MPa	ISO 178
Izod Impact	Notched (23 °C, 2.75 J)	17	kJ/ m <sup>2</sup>	ISO 180
	Unnotched (23 °C, 2.75 J)	-	kJ/ m <sup>2</sup>	ISO 180
Ash content		30	%	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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