

## TECHNICAL DATA SHEET

### NAFILean - PF2 555

20% hemp fibres reinforced polypropylene compound for lightweight interior automotive parts



Properties	Units	Values	Methods
<b>Physical properties</b>			
Melt flow rate (190°C / 5kg)	g/10 min	11.6	ISO 1133
Density	g/cm <sup>3</sup>	0.98	ISO 1183
<b>Mechanical properties</b>			
Tensile modulus	MPa	2650	ISO 527-2
Izod Impact notched @ 23°C	kJ/m <sup>2</sup>	7.5	ISO 180
Izod Impact unnotched @ 23°C	kJ/m <sup>2</sup>	18	ISO 180
<b>Thermal properties</b>			
HDT A	°C	72	ISO 75/A
HDT B	°C	137	ISO 75/B

**| Process:** injection

*Since it is a natural fibres compound based, this product must be processed according recommended injection conditions (e.g. low temperature typically <200 °C). For more details please contact your sale representative.*

**| Quality:** production certified ISO 9001

**| Typical properties:** not to be construed as specifications

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