

Technical data sheet **NatureForm HT10**

The compound **NatureForm HT10** is a partially bio-based, filled PP copolymer, impact modified and nucleated for mechanically demanding applications with good flow properties. **NatureForm HT10** is an all-rounder for a wide range of consumer goods such as household items, coils and containers.

Property	Method	Unit	Value
MVR	ISO1133 (190°C/2,16kg)	cm <sup>3</sup> /10min	8.9
Young Modulus	ISO 527	MPa	1500
Tensile strength	ISO 527	MPa	21.1
Elongation at break	ISO 527	%	29.0
Elongation at yield	ISO 527	%	14.0
Charpy Impact strength	ISO 179 1eU	kJ/m <sup>2</sup>	47.1
Charpy Notched impact strength	ISO 179 1eA	kJ/m <sup>2</sup>	11.5

Processing parameters (recommendation)	
Predrying temperature	80 °C
Predrying period	4 h
Maximum processing moisture content	0.05 %
Cylinder temperature	175 -190 °C
Mold wall temperature	25 °C



*The information contained in this technical data sheet is based on our current knowledge and experience. It is intended as non-binding information and guidance and does not represent any assured properties or guarantees in the legal sense. The values listed are typical guide values that have been determined in laboratory tests under defined conditions. Due to the large number of possible application conditions and processing influences, we recommend checking the suitability of the material for the respective application by means of suitable preliminary tests. We reserve the right to make changes in line with technical progress.*