

EcoForte® FR PE 40 01

Provisional datasheet

Property data

PE HFFR
ATH based

Version 1.1, issue date 1-9-2017

Properties	Typical data	Unit	Test method
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RHEOLOGICAL PROPERTIES

Melt flow rate MFR (190°C, 2,16 kg)	4	g/10 min	ISO 1133
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THERMAL PROPERTIES

Melting temperature		°C	ISO 11357-1-3
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MECHANICAL PROPERTIES

Izod impact unnotched 23 °C	No break	kJ/m ²	ISO 180
Izod impact notched 23 °C	No break	kJ/m ²	ISO 180
E-modulus	100 - 150	Mpa	ISO 527-1-2
Maximum tensile stress	6,5	Mpa	ISO 527-1-2
Tensile strain at break	> 400	%	ISO 527-1-2

OTHER PROPERTIES

Density	1210	kg/m ³	ISO 1183
Ash content	29	wt %	ISO 3451

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