



Preliminary Technical Data Sheet

RAVAMID[®] ECO B MGF 30 GR

Polyamide 6 Grey, containing recycled material, 30 % mineral filled

PROPERTIES	NORM	UNIT	VALUE
<u>GENERAL</u>			
Density	ISO 1183	g/cm ³	1.34 - 1.36
Linear mould shrinkage	ISO 2577	%	0.92 - 1.05
<u>THERMAL</u>			
VICAT B50	ISO 306	°C	≥185
HDT/A (annealed) (1,82 MPa)	ISO 75 A	°C	≥175
<u>MECHANICAL</u>			
Tensile strength (yield)	ISO 527	MPa	≥70
Elongation at break	ISO 527	%	≥3.5
Flexural modulus	ISO 178	MPa	≥5000
Izod Impact +23 °C (notched)	ISO 180/1A	KJ/m ²	≥6
Charpy notched Impact strength +23 °C	ISO 179/1eU	KJ/m ²	≥4.5
Charpy unnotched Impact strength +23 °C	ISO 179/1eA	KJ/m ²	≥35
<u>VARIOUS</u>			
Humidity	ISO 960	%	≤0.15