



Preliminary Technical Data Sheet

RAVAMID[®] ECO B MGF 20 GR

Polyamide 6 Grey, containing recycled material, 20 % mineral filled

PROPERTIES	NORM	UNIT	VALUE
<u>GENERAL</u>			
Density	ISO 1183	g/cm ³	1.27 - 1.29
Linear mould shrinkage	ISO 2577	%	0.95 - 1.08
<u>THERMAL</u>			
VICAT B50	ISO 306	°C	≥165
HDT/A (annealed) (1,82 MPa)	ISO 75 A	°C	≥155
<u>MECHANICAL</u>			
Tensile strength (yield)	ISO 527	MPa	≥60
Elongation at break	ISO 527	%	≥4.5
Flexural modulus	ISO 178	MPa	≥4000
Izod Impact +23 °C (notched)	ISO 180/1A	KJ/m ²	≥5
Charpy notched Impact strength +23 °C	ISO 179/1eU	KJ/m ²	≥3.5
Charpy unnotched Impact strength +23 °C	ISO 179/1eA	KJ/m ²	≥25
<u>VARIOUS</u>			
Humidity	ISO 960	%	≤0.15