

ECOMID® B GF20 BK 9005/1

Typical mechanical properties

Tensile Modulus	7400 MPa	ISO 527-1/-2
Stress at break, 5mm/min	115 MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.6 %	ISO 527-1/-2
Flexural Modulus	7000 MPa	ISO 178
Flexural Strength	210 MPa	ISO 178
Charpy notched impact strength, 23°C	5.5 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	204 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	213 °C	ISO 75-1/-2

Other properties

Density	1260 kg/m ³	ISO 1183
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Injection

Drying Temperature	80 - 90 °C
Drying Time, Dehumidified Dryer	4 - 8 h
Processing Moisture Content	0.15 %
Max. mould temperature	60 - 80 °C

Characteristics

Additives	Contains Recycle
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Other Approvals

Other Approvals	OEM	Specification	Additional Information
	VW Group*	VW50125	* best fitting grade to PA6-5, not officially approved

