

ECOMID® B GF33 BK 269/1

Typical mechanical properties

Tensile Modulus	11000 MPa	ISO 527-1/-2
Stress at break, 5mm/min	145 MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.2 %	ISO 527-1/-2
Flexural Modulus	10000 MPa	ISO 178
Flexural Strength	230 MPa	ISO 178
Charpy notched impact strength, 23°C	8 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	210 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	218 °C	ISO 75-1/-2

Other properties

Density	1380 kg/m ³	ISO 1183
---------	------------------------	----------

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
-----------	------------------

Other Approvals

Other Approvals	OEM	Specification	Additional Information
	VW Group*	VW50125	* best fitting grade to PA6-8, not officially approved

