

ECOMID® B GF40 BK 9005/1

ECOMID®

Product information

Resin Identification	PA6-GF40	ISO 1043
Part Marking Code	>PA6-GF40<	ISO 11469

Typical mechanical properties

	dry/cond.		
Izod notched impact strength, 23°C	9.6 / -	kJ/m ²	ISO 180/1A

Thermal properties

	dry/cond.		
Temperature of deflection under load, 1.8 MPa	210 / *	°C	ISO 75-1/-2
Temperature of deflection under load, 0.45 MPa	218 / *	°C	ISO 75-1/-2

Physical/Other properties

	dry/cond.		
Density	1450 / -	kg/m ³	ISO 1183

Injection

Drying Recommended	yes
Drying Temperature	80 °C
Drying Time, Dehumidified Dryer	2 - 4 h
Processing Moisture Content	≤0.15 %
Melt Temperature Optimum	250 °C
Min. melt temperature	235 °C
Max. melt temperature	280 °C
Screw tangential speed	≤0.2 m/s
Mold Temperature Optimum	80 °C
Min. mould temperature	60 °C
Max. mould temperature	120 °C

Characteristics

Processing	Injection Moulding
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Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
VW Group	VW 50125	*Best Fitting Grade To PA6-9, Not Officially Approved