

ECOMID® B HH J8 BK 9005/1B

ECOMID®

Product information

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

Typical mechanical properties

	dry/cond.		
Tensile modulus	2500/-	MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	58/-	MPa	ISO 527-1/-2
Tensile strain at break, 50mm/min	20/-	%	ISO 527-1/-2
Charpy notched impact strength, 23 °C	15/-	kJ/m ²	ISO 179/1eA
Poisson's ratio	0.38/- ^[C]		

[C]: Calculated

Thermal properties

	dry/cond.		
Temperature of deflection under load, 1.8 MPa	60/*	°C	ISO 75-1/-2

Physical/Other properties

	dry/cond.		
Density	1100/-	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	260 °C
Min. melt temperature	240 °C
Max. melt temperature	270 °C
Screw tangential speed	≤0.25 m/s
Mold Temperature Optimum	70 °C
Min. mould temperature	50 °C
Max. mould temperature	90 °C

Characteristics

Processing	Injection Moulding
Special characteristics	Heat stabilised or stable to heat

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
VW Group	VW 50125	*Best Fitting Grade to PA6-2, Not Officially Approved