

ECOMID[®] A HH BK 9005/1

ECOMID®

Product information

| Resin Identification Part Marking Code | PA66 >PA66< | | ISO 1043 ISO 11469 |
|--|--|--|---|
| Typical mechanical properties | dry/cond. | | |
| Tensile modulus Tensile stress at break, 5mm/min Tensile strain at break, 5mm/min Flexural modulus Flexural strength Charpy notched impact strength, 23°C Poisson's ratio [C]: Calculated | 3300/1800 70/45 10/10 2900/- 120/- 4.5/11 0.37/0.41 ^[C] | MPa MPa % MPa MPa kJ/m ² | ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eA |
| Thermal properties | dry/cond. | | |
| Temperature of deflection under load, 1.8 MPa Temperature of deflection under load, 0.45 MPa | 66/* 204/* | °C °C | ISO 75-1/-2 ISO 75-1/-2 |
| Physical/Other properties | dry/cond. | | |
| Humidity absorption, 2mm Water absorption, 2mm Density | 2.4/* 8.2/* 1140/- | % % kg/m³ | Sim. to ISO 62 Sim. to ISO 62 ISO 1183 |
| Injection | | | |
| Drying Recommended Drying Temperature Drying Time, Dehumidified Dryer Processing Moisture Content Melt Temperature Optimum Min. melt temperature Max. melt temperature Screw tangential speed Mold Temperature Optimum Min. mould temperature Max. mould temperature | 2 - 4 ≤0.15 290 280 300 ≤0.4 70 50 | % °C °C °C | |

Characteristics

| Processing | Injection Moulding |
|-------------------------|-----------------------------------|
| Special characteristics | Heat stabilised or stable to heat |





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Automotive

OEM VW Group STANDARD VW 50127

VW Group

VW 50133

ADDITIONAL INFORMATION

*Best Fitting Grade To PA66-1, Not Officially Approved

*Best Fitting Grade To PA66-1-A, Not Officially Approved

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