

ECOMID[®] A H J12 BK 9004/2 ECOMID®

General purpose grade, designed for Automotive industry, maximum tougheness.

Product information Resin Identification Part Marking Code		PA66-I >PA66-I<		ISO 1043 ISO 11469
Rheological properties Moulding shrinkage range, parallel Moulding shrinkage range, normal		1.3 - 1.9 1.3 - 1.9		ISO 294-4, 2577 ISO 294-4, 2577
Typical mechanical properties Tensile modulus Tensile stress at yield, 50mm/min Charpy impact strength, 23°C Charpy notched impact strength, 23°C Izod notched impact strength, 23°C Poisson's ratio [C]: Calculated		dry/cond. 1600/- 45/- N/- >80/- 80/- 0.42/- ^[C]	MPa MPa kJ/m ² kJ/m ²	ISO 527-1/-2 ISO 527-1/-2 ISO 179/1eU ISO 179/1eA ISO 180/1A
Thermal properties Melting temperature, 10°C/min Temperature of deflection under load,	1.8 MPa	dry/cond. 260 / * 60 / *	°C °C	ISO 11357-1/-3 ISO 75-1/-2
Physical/Other properties		dry/cond.		
Humidity absorption, 2mm Water absorption, 2mm Density		1.7/* 6.3/* 1060/-	% % 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 ≤0.3 80	% °C °C °C m/s °C °C	
Characteristics				
Processing	Injection Moulding			
Additives	Nucleated			
Special characteristics	High impact or impact modified, Heat stabilised or stable to heat			

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Automotive

OEM Mercedes-Benz STANDARD DBL5416 ADDITIONAL INFORMATION

Daimler- EQ Models-Schwanden- Jack Pads Plugs

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