

# ECOMID® A HH J8 BK 9005/1

## Typical mechanical properties

Tensile Modulus	2940 MPa	ISO 527-1/-2
Yield stress, 50mm/min	65 MPa	ISO 527-1/-2
Strain at break, 50mm/min	>10 %	ISO 527-1/-2
Flexural Modulus	2800 MPa	ISO 178
Flexural Strength	105 MPa	ISO 178
Charpy notched impact strength, 23°C	16 kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -40°C	9 kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, 23°C	13 kJ/m <sup>2</sup>	ISO 180/1A

## Thermal properties

Temp. of deflection under load, 1.8 MPa	74 °C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	216 °C	ISO 75-1/-2

## Other properties

Density	1110 kg/m <sup>3</sup>	ISO 1183
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## 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
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