

CELANYL® B2 HH GF15 BK 9005/1

Typical mechanical properties

Tensile Modulus	6500 MPa	ISO 527-1/-2
Stress at break, 5mm/min	130 MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.5 %	ISO 527-1/-2
Flexural Modulus	5600 MPa	ISO 178
Flexural Strength	200 MPa	ISO 178
Charpy impact strength, 23°C	37 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	4.6 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	199 °C	ISO 75-1/-2
---	--------	-------------

Other properties

Density	1240 kg/m ³	ISO 1183
---------	------------------------	----------

Injection

Drying Temperature	80 - 90 °C
Drying Time, Dehumidified Dryer	4 - 8 h
Processing Moisture Content	0.15 %
Max. mould temperature	60 - 80 °C

Other Approvals

Other Approvals

OEM	Specification
Mercedes-Benz Group (Daimler)	DBL 5409

