

# CELANYL® B2 HH GF33 BK 269/UV/1

## Rheological properties

Moulding shrinkage range, parallel	0.2 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.8 %	ISO 294-4, 2577

## Typical mechanical properties

	dry/cond.		
Tensile Modulus	11500 /-	MPa	ISO 527-1/-2
Stress at break, 5mm/min	190 /-	MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.3 /-	%	ISO 527-1/-2
Flexural Modulus	9600 /-	MPa	ISO 178
Flexural Strength	285 /-	MPa	ISO 178
Charpy impact strength, 23°C	80 /85	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, 23°C	13 /20	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, 23°C	15.5 /-	kJ/m <sup>2</sup>	ISO 180/1A

## Thermal properties

Melting temperature, 10°C/min	221 °C	ISO 11357-1/-3
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## Other properties

Density	1380 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 %	
Melt Temperature Optimum	253 °C	Internal
Max. mould temperature	60 - 80 °C	

