

CELANEX® 3105H

Product information

Part Marking Code	PBT-GF15	ISO 11469
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Rheological properties

Melt mass-flow rate	13 g/10min	ISO 1133
Melt mass-flow rate, Temperature	250 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile Modulus	5470 MPa	ISO 527-1/-2
Stress at break, 5mm/min	94 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.8 %	ISO 527-1/-2
Flexural Modulus	5160 MPa	ISO 178
Flexural Strength	138 MPa	ISO 178
Charpy notched impact strength, 23°C	4.2 kJ/m²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	224 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	188 °C	ISO 75-1/-2

Other properties

Density	1400 kg/m³	ISO 1183
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