

ZENITE® 6330L

30% mineral-reinforced

Zenite 6330L is a lubricated 30% mineral-reinforced LCP resin having excellent toughness. It is well suited for use in the automotive, electrical/electronic, telecommunications, and aerospace industries.

Rheological properties

Moulding shrinkage range, parallel	%	ISO 294-4, 2577
Moulding shrinkage range, normal	0.5 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	10500 MPa	ISO 527-1/-2
Stress at break, 5mm/min	125 MPa	ISO 527-1/-2
Strain at break, 5mm/min	4 %	ISO 527-1/-2
Flexural Modulus	9600 MPa	ISO 178
Flexural Strength	125 MPa	ISO 178

Thermal properties

Melting temperature, 10°C/min	335 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	239 °C	ISO 75-1/-2

Other properties

Density	1630 kg/m³	ISO 1183
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Injection

Drying Temperature	150 °C
Drying Time, Dehumidified Dryer	3 h
Processing Moisture Content	0.01 %
Max. mould temperature	80 - 120 °C
Back pressure	3 MPa

Characteristics

Additives	Mineral Filler
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