

POLIFOR® CL15 GF/30 H3 X3

Polypropylene, copolymer, 30% glass fiber reinforced, chemically coupled, Heat stabilized; based on recycled plastics, content depends on plastics availability

Rheological properties

Melt mass-flow rate	6 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	
Moulding shrinkage range, parallel	0.2 - 0.5 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.4 - 0.7 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	5900 MPa	ISO 527-1/-2
Stress at break, 5mm/min	62 MPa	ISO 527-1/-2
Strain at break, 5mm/min	5 %	ISO 527-1/-2
Flexural Modulus	5500 MPa	ISO 178
Charpy impact strength, 23°C	55 kJ/m²	ISO 179/1eU
Charpy notched impact strength, 23°C	15 kJ/m²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	134 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	20 E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	170 E-6/K	ISO 11359-1/-2

Other properties

Density	1130 kg/m³	ISO 1183
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Injection

Drying Temperature	80 - 100 °C
Drying Time, Dehumidified Dryer	2 - 3 h
Max. mould temperature	50 - 80 °C

Characteristics

Additives	Contains Recycle
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Other Approvals

Other Approvals

OEM	Specification
VW Group	VW44045

