

TECNOPRENE® 3VK3EL

Elastomer modified polypropylene copolymer, 15% glass fiber reinforced, chemically coupled.

Rheological properties

Moulding shrinkage range, parallel	0.2 - 0.4 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.3 - 0.5 %	ISO 294-4, 2577

Typical mechanical properties

Tensile Modulus	3400 MPa	ISO 527-1/-2
Stress at break, 5mm/min	46 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.6 %	ISO 527-1/-2
Flexural Modulus	3000 MPa	ISO 178
Flexural Strength	70 MPa	ISO 178
Charpy impact strength, 23°C	45 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	16 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	15 kJ/m ²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	130 °C	ISO 75-1/-2
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Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
Burning Behav. at thickness h	HB class	UL 94

Other properties

Density	1000 kg/m ³	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

Processing Texts

Longer pre-drying times/storage	This product should be stored in a covered facility and kept away from moisture and heat.
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