

TECNOPRENE® AK6HIT1

Polypropylene, homopolymer, 31% glass fiber reinforced, chemically coupled, high heat stabilisation

Typical mechanical properties

Tensile Modulus	7000 MPa	ISO 527-1/-2
Stress at break, 5mm/min	85 MPa	ISO 527-1/-2
Strain at break, 5mm/min	3.2 %	ISO 527-1/-2
Flexural Modulus	6800 MPa	ISO 178
Flexural Strength	140 MPa	ISO 178
Charpy notched impact strength, 23°C	11 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	12 kJ/m ²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	148 °C	ISO 75-1/-2
---	--------	-------------

Flammability

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

Other properties

Density	1140 kg/m ³	ISO 1183
---------	------------------------	----------

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.

