

TECNOPRENE® AK6HC UV

High crystallinity polypropylene homopolymer reinforced with 30% chemically coupled glass fiber, UV stabilised.

Typical mechanical properties

Tensile Modulus	7200 MPa	ISO 527-1/-2
Yield stress, 50mm/min	102 MPa	ISO 527-1/-2
Nominal strain at break	2.9 %	ISO 527-1/-2
Flexural Modulus	7000 MPa	ISO 178
Flexural Strength	150 MPa	ISO 178
Charpy notched impact strength, 23°C	9.5 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	150 °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	1130 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.
---------------------------------	---