

# 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 <sup>2</sup>	ISO 179/1eA

## Thermal properties

Temp. of deflection under load, 1.8 MPa	150 °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	1130 kg/m <sup>3</sup>	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.