

# CIS CHEM UYK 7314

HIGH INTENSITY COPOLYMER GLASS FIBER

PRODUCTCATEGORY: GLASS FIBER

## PRODUCT DISCRIPTION

CIS CHEM UYK 7314 is a high flow, halogen free flame retardant, copolymer reinforced with 20% long glass fiber, developed for Injection molded applications. This material has been designed to combine a good performance profile with good processing. CIS CHEM UYK 7314 should be dried at 100C for 2 hours before the injection molding. Melt temperature of 240 °C should not be exceeded during processing.

## APPLICATION

- CIS CHEM UYK 7314 into concrete or mortar, could effectively prevent temperature change
- and Micro-crack which is caused by plastic and dry shrinkage.
- Projects like concrete road, bridge, airport road and factory floor which strictly require cracking resistance.
- They are widely used in roads, bridges, underground waterproof projects and roof, walls,
- pools, basements of civil construction industrial



## SPECIFICATION

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
POLYMER PROPERTIES			
Density	1225	kg/m <sup>3</sup>	ISO 1183
Glass fibre content	20	%	ISO3451
MECHANICAL PROPERTIES			
Tensile modulus			
at 23 °C	6000	Mpa	ISO 527/1A
at 80 °C	2900	Mpa	ISO 527/1A

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Tensile strength			
at 23 °C	70	Mpa	ISO 527/1A
at 80 °C	37	Mpa	ISO 527/1A
Tensile elongation at break			
at 23 °C	2.1 %		ISO 527/1A
Flexural Modulus			
at 23 °C	6200	Mpa	ISO 178
at 80 °C	4000	Mpa	ISO 178

## PACKING

25kg plastic bag 600grams\*40bags inner. ( 1 kg extra)

## STORAGE

To be stored in its closed original package,keep cool and dry, avoid humidity.