

AK Glass

Product Code: ARC6-16

Product Series: AR Chopped Strand



Technical Data Sheet

PRODUCT DESCRIPTION

ARC6-16 Chopped Strand for GRC (Glassfiber Reinforced Concrete) is a high integrity AR glass chopped strand designed for use in dry mix systems or other premixing processes into GRC component.

PRODUCT CHARACTERISTICS

- Excellent alkali resistant and durability
- Highest integrity during mix
- Good fluidity with less water
- Compatible with concrete slurry

PHYSICAL PROPERTIES

Type of Glass	AR - Glass
ZrO ₂ Content	≥ 16.7 %
Filament diameter	13 μm ± 2
Chopped length	6 mm
Moisture Content	≤ 0.2 %
Loss on Ignition	2.0 % ± 0.2

HOW TO USE - DOSAGES

In this process, a cementitious matrix is produced first. Between 2-4% by weight of chopped strand shall be mixed into the concrete blend. The length of the pre-cut fiber is usually 12/18/24mm. If thermal expansion crack resistant property is desired, the amount of ARC12-16 should increase by twice the recommended percentage. As an alternative, shorter strands, ARC6-16 (6mm) are available for use in non-load bearing intricate GRC components.

PACKAGING and STORAGE

AR chopped strands are packed in individual paper bags (20kg). They should be stored away from heat and moisture, and in their original packaging. The best conditions are at temperature 15°C - 35°C and relative humidity 35% - 65%. It is advisable to hold in workshop for 24 hrs to prevent condensation before use.

Safety

Obtain, read, and understand the Material Safety Data Sheet (SDS) before use of AK Glass and AK Carbon Products

FOR FURTHER INFORMATION, PLEASE CONTACT US



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