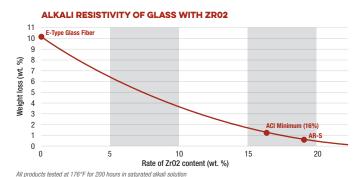


Product Specs

| Filament Diameter | 0.0005" (0.01 mm) |
|-----------------------------|---------------------|
| Fiber Length | Spool |
| Specific Gravity | 2.7 |
| Tensile Strength | 300 ksi (2000 MPa) |
| Flexural Strength | 11,000 ksi (77 GPa) |
| Melting Point | 2075° F (1121° C) |
| Color | White |
| Water Absorption | <1% |
| Alkali Resistance | High |
| Concrete Surface | Not Fuzzy |
| Corrosion Resistance | High |
| Zr02 Content | 19% by Weight |



Product Description

AR-S glass fiber is spool roving made for cutting systems and for dry or wet blended products. To assure long-term performance, AR-S is made with the highest zirconia content available.

Application

AR-S glass fibers are high-performance reinforcement fibers specifically designed for any cementitious application. More efficient than polymer fibers because of their high- tensile and modulus of elasticity, AR-S fibers provide superior crack control.

Alkali resistant fibers produce a tough concrete with superior long-term serviceability. This, combined with its workability and a wide choice of finishes, provides a freedom of shape, form and texture unmatched by any other reinforcing material.

Advantages/Benefits

- · Excellent mechanical bond with the concrete.
- Reduces the formation of plastic shrinkage cracking in concrete.
- Provides multi-dimensional reinforcement.
- · Improves impact resistance of concrete.
- · Enhances durability and toughness of concrete.
- · Excellent, "no fuzz" finishability.
- Applicable in dry or wet mix applications.



Mixing

AR-S can be chopped as needed and added directly to the dry or wet mixing system during or after the batching of the ingredients. The addition of chopped AR-S at the normal recommended dosage rate does not require any mix design or application changes. A water reducer or super-plasticizer is recommended in concrete products where improved workability and finishability are desired.

Storage and Shelf Life

NYCON products should be stored in dry warehouse. Protect product from the rain.

Packaging

· (42 lb [19 kg]) each standard spool

Tooling & Finishing

Fiber reinforced concrete can be finished by most finishing techniques. Chopped AR-S does not affect the finishing characteristics of concrete. AR-S can be used in power/hand troweled concrete, colored and broom finished concrete.

AR-S can be pumped and placed using conventional equipment. Hand screeds can be used, but vibratory and laser screeds are recommended to provide added compaction and bury surface fibers.

KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY

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