

TECHNICAL DATASHEET

NEG ARG FIBRE AR2500H103

High Zirconia 19%+ Alkali Resistant Glass Fibre

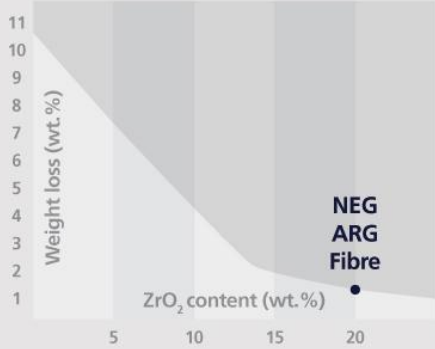
Product Name AR2500H103	Product Type Roving	Uses Plastic Shrinkage Crack Control
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A=Alkali Resistant R=Roving 2500=Roving Tex in g/1000m H103=Sizing

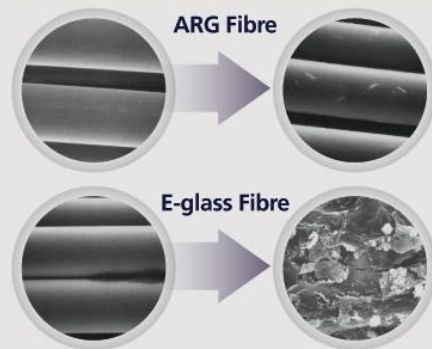
AR2500H103 is a very widely used roving for plastic shrinkage crack control in concrete. The special H103 sizing aids dispersion into filaments and small bundles of filaments during mixing. The fibre runs smoothly from the roving to the truck mounted fibre chopper ensuring even dispersion. The High Zirconia content ensures long-term durability.

Fig. 1 Alkali Resistance of Glass & ZrO₂ Contents



Head at 80°, 200 hrs in saturated cement solution (pH=12.9)

Fig. 2 Effect of Cement on Glass Fibre



Head at 80°, 200 hrs in saturated cement solution (pH=12.9)

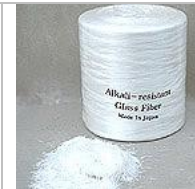
Properties

Type of Glass	Alkali Resistant
Roving Tex (g/1000m)	2500 nominal
Strand Tex	78
Filaments per Strand	200
Zirconia Content	Minimum 19%
Moisture Content	< 0.5%

Advantages

High Zirconia Content
Disperses in Concrete Mixes
High Tensile Strength
Non-flammable and Rust Proof
Proven Japanese Quality

AR2500H103 is supplied in Rovings
19kgs each
48 per pallet
Net weight 912kgs Gross weight 943kgs
113 x 113 x 94cm



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