

Chopped Strand ACS13PH-950X

Specialised for premix GRC



High Zirconia 17%+ Alkali-Resistant Glass Fibre

Product Description

ACS13PH-950X is formed from 200 no. 18 micron filaments. It has the highest strand integrity and high fibre percentages can be added without adversely affecting the workability. ACS13PH-950X is resistant to overmixing.

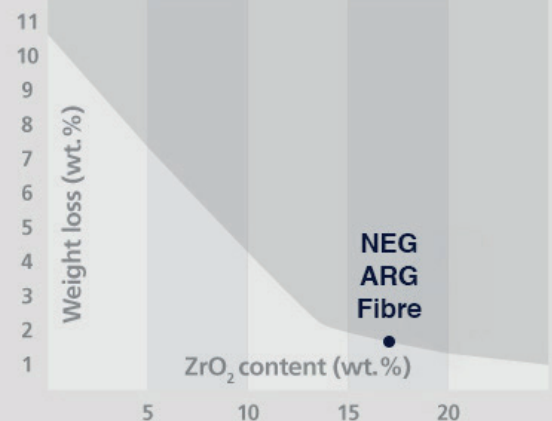
Advantages

- High zirconia content
- Highest integrity during mixing
- Best flow characteristics
- Proven Japanese quality

Product Information

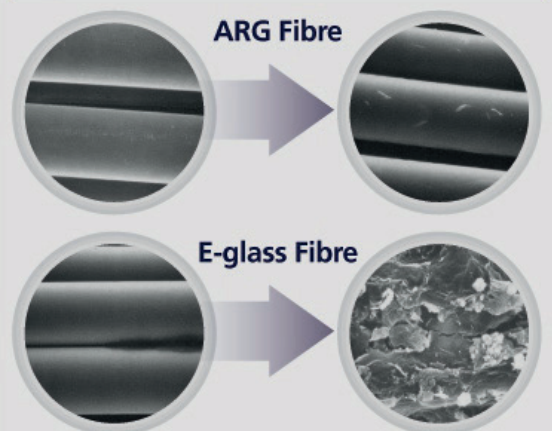
Type of Glass:	Alkali-Resistant
Strand Length:	13mm
Strand Tex:	138g/1000LM
Zirconia Content:	Minimum 17%
Moisture Content:	< 0.5%

Fig. 1 Alkali Resistance of Glass & ZrO₂ Contents



Held at 80°C for 200 hours in a saturated cement solution (pH = 12.9)

Fig. 2 Effect of Cement on Glass Fibre



Held at 80°C for 200 hours in a saturated cement solution (pH = 12.9)

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Properties

Thermal Expansion Coefficient:	$9 \times 10^{-6}/^{\circ}\text{C}$	$(5 \times 10^{-6}/^{\circ}\text{F})$
Softening Point:	830 °C	(1526 °F)
Density:	2.8g/cm ³	(175pcf)
Tensile Strength:	1.5GN/m ²	$(2.04 \times 10^5 \text{psi})$
Young's Modulus:	74GN/m ²	$(1.08 \times 10^7 \text{psi})$
Strain to Failure:	2%	

Technical Support

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Supplied in bags, 20kg each, 44 per pallet

Net Weight: 880kg

Gross Weight: 915kg

110 x 110 x 110cm

Supplied by Fibre Technologies International

*NEG ARG Fibres are manufactured in compliance with **ASTM C1666/C** and **EN 15422:2008** under the recommendations of PCI and GRCA*

