

# Product data sheet

## U-MIX® 4700



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#### What is U-Mix®?

U-Mix® macro synthetic fiber, distributed by Bekaert Maccaferri Underground Solutions, sets a new standard for temperature reinforcement. U-Mix is lightweight and easy to handle.

The U-Mix® Polypropylene fibers are specifically engineered to provide basic post-crack control performance.

#### Why use U-Mix®?

U-Mix® reduces cracking during the plastic shrinkage and concrete hardening stage.

The standard low dosage of U-Mix® is very cost effective since it eliminates the need for conventional wire mesh. U-Mix® is extremely flexible to work with and is easy to mix. U-Mix® is typically utilized as temperature reinforcement and in temporary construction i.e. mining.

Modifications reserved. All details describe our products in general form only. For detailed information, product specifications available on request.

### GEOMETRY AND PERFORMANCE

<b>Fibre family</b>	15,250 fibers/lb
<b>Length</b>	57 mm
<b>Denier</b>	4,700

### MATERIAL PROPERTIES

<b>Tensile strength:</b>	78,000 psi (538 MPa)
<b>Young's Modulus (E):</b>	1,200 ksi (8.27 GPa)
<b>Specific Gravity:</b>	.91
<b>Melting Point:</b>	160°C (320°F)
<b>Alkali, acid &amp; salt resistance:</b>	Excellent

### PRODUCT CERTIFICATES



### PACKAGING



2.3 kg (5 lb) bags  
5 kg (11 lb) bags  
7 kg (15.4 lb) bags

### STORAGE



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