



We create chemistry



ACRONAL[®] 4888

High-strength styrene-acrylic binder for polyester nonwovens

Key features & benefits

- Water-based self-crosslinking binder
- Good adhesion to polyester and glass fibers
- High heat resistance
- Outstanding thermal dimensional stability

Applications

- Ideally suited for use in commercial roofing applications
- Excellent binder for polyester nonwovens, including recycled polyethylene terephthalate (PET)



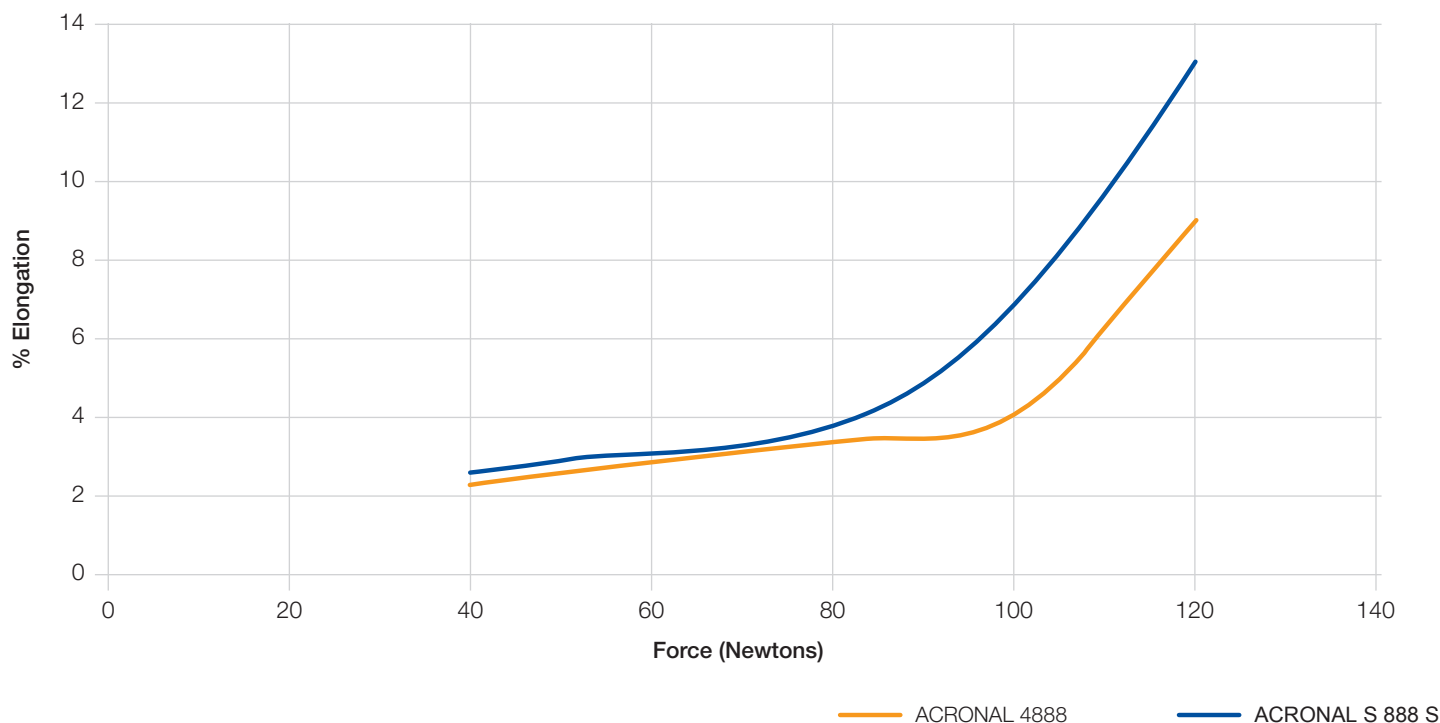
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High-strength styrene-acrylic binder for polyester nonwovens

ACRONAL 4888 is a self-crosslinking styrene-acrylic binder that contains acrylonitrile and is used to bring strength to nonwovens used in commercial roofing applications. The unique properties of ACRONAL 4888 are crucial when working with polyester nonwovens, especially when producing asphalt shingles and build-up roof (BUR) membranes that require binding strength, flexibility, and the ability to stand up to hot asphalt. ACRONAL 4888 provides excellent adhesion to polyester and glass fibers, high heat resistance, and outstanding thermal dimensional stability.

	Polymer	Solids (wt. %)	pH	Tg	Viscosity	Hydrophobicity
ACRONAL 4888	Styrene-acrylic	~49	8	31	100-600	Yes

Thermodimensional Stability - Hot Tensile 180°C



Contacts

Please contact us to learn more about ACRONAL 4888 and our full portfolio of construction solutions.

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