

C3-1082/2

Silver Flame Retardant Polyurethane



Description

A polyester-type polyurethane solution, with good hydrolysis resistance.

It has been developed for use in flame retardant coating typically for textiles and applications such as protective clothing, sports wear, tarpaulins, protective coatings, upholstery and tent fabric.

Other colours are available. This product can be used either as a single or two-pack system.

Application method(s)

Can be applied using the typical coating techniques ie. air-knife, knife over roller and knife over blanket.

Curing

A curative may be used to enhance the properties of the finished coating. This requires the further addition of a suitable isocyanate such as C13-002.

In view of the limited pot life upon addition of C13-002, it is advisable to prepare mixtures for one working day only.

Usage Notes

Clean equipment with Methyl Ethyl Ketone.

Thinning is not necessary.

Health & Safety

See SDS. If you need a copy of the latest version please contact sales@itac.uk.com.

Packing and Storage

25 litre open top pails, 100 or 200 litre open top drums.

Store in a cool dry place between 5°C and 30°C .

Protect from frost.

Typical properties for this product are given based on ITAC manufacturing experience. They are not a specification of the product.

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Typical Properties	Value	Units	Test method
Base Polymer	Polyurethane	NA	
Colour	Silver Grey	NA	
Specific Gravity	1.03		
Solvent(s)	Methyl Ethyl Ketone	NA	
Solids Content	30-40	% by weight	
Viscosity	8,000 - 13,000	cPs	Brookfield spindle 5, speed 20 at 20°C.
Flashpoint	-6.5	°C	Closed Cup, ISO 3679
Shelf life	6 months from date of manufacture which is printed on the label.		
Other Properties	Value	Units	Test Method
Tensile Strength	12.4	mPa	ISO 37 2017, 0.2mm thickness

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