

FL-302WR

Flame Retardant Water-based coating resin

FL-302WR is a highly effective flame retardant water-based coating resin, which exhibits remarkable flame retardant performance by quickly forming dense char layer on the surface of fabrics during the burning process. The char layer acts as a barrier to inhibit gaseous products from diffusing to the flame and shield the fabrics surface from heat and air. FL-302WR is especially suitable for flame fabrics need to meet BS5852 fire testing standard. Coating amount on the fabric should be no less than 50% weight of the fabric to obtain excellent flame retardant property.

Features

- Water-based
- Remarkable flame retardant performance
- Quickly char layer-forming ability
- Low volatility
- ROHS & REACH compliant
- Especially for BS5852 fire testing standard

Technical Data:

Item	Unit	Value
Appearance	--	White emulsion
Viscosity(25°C)	cps	40,000 – 80,000
Specific Gravity	g/cm ³	1.15 – 1.25
ph	--	5.5 – 6.5
Solid Content	%	60±2

Package

- Available in 20-kg/drum.

Values included in this data sheet are based on limited laboratory test specimens. These values are typical values and are not meant to be used for setting maximum or minimum values for specification purposes. Any determination of the suitability of the materials shown in this property data sheet for use by the end user is the sole responsibility of the user, who must assure themselves that the material as subsequently processed meets the need of his particular product or use. To the best of our knowledge the information in this publication is accurate and reliable, USI does not assume any liability whatsoever for the accuracy of this information.

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