Xytu® LZ214
Flame-Retardant Emulsion

Product Description

Xytu® LZ214 is a vinyl chloride-based copolymer emulsion. Its inherent flame retardancy makes it a good alternative to brominated flame retardants in many products. At a later stage, flame-retardant addition is reduced. The char layer remains intact during combustion.

Features

1. High chlorine content and high oxygen index
2. An excellent alternative to brominated flame retardants

Technical Specifications

Item	Test Method	Specification
Appearance	Visual inspection	Milky-white liquid
Solids content (%)	1 g/20 min/160 °C	48±2
pH (25 °C)	pH meter	6±1
Viscosity (s)	T-4# cup/25 °C	11-18
Glass transition temperature (°C)	DSC	4
Particle size (μm)	Laser particle size analyzer	0.2-0.3
Ionic type	--	Anionic

Application Areas

This product is a polyvinyl chloride emulsion for flame-retardant treatment of high-end fabrics with demanding flame-retardancy requirements. It can be used for coating paper, nonwovens and textiles, and in fire-protective coatings.

Packaging and Storage

1. Store this product at 0 °C-35 °C in its original sealed containers. Available pack sizes are 20 kg, 50 kg, 180 kg and 1000 kg.
2. This product has relatively high stability and a storage life of 6 months.