Xytu® LZ215
Flame-Retardant Emulsion

Product Description

LZ215 is a modified acrylate 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

a. Contains no solvents; environmentally friendly and safe

b. Self-crosslinking, with excellent water resistance, adhesion and abrasion resistance

c. Excellent char formation

Technical Specifications

Appearance	Milky-white liquid
Solids content (%)	47±2
pH (25 °C)	4±1
Viscosity (s)	10-21
Film formation temperature (°C)	0
Particle size (μm)	0.1-0.2
Ionic type	Anionic

Application Areas

This product is an emulsion for flame-retardant treatment of high-end fabrics with demanding flame-retardancy requirements. It is suitable for coating a range of substrates and can be used on fibrous materials such as paper, nonwovens and textiles.

Packaging and Storage

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