Xytu® E122
Damping Emulsion

Basic Composition

E122 is a core-shell styrene-acrylic emulsion for waterborne damping coatings, prepared by core-shell polymerization using styrene as the main hard monomer and butyl acrylate as the main soft monomer.

Performance Parameters

Polymer type	Styrene/acrylate copolymer
Appearance	White emulsion
Solids content (%)	49 ± 1
pH	8 ± 1
Viscosity (cp, 25 °C, No. 2 spindle, 20 rpm)	100-800
Ionic character	Anionic

Product Advantages

• Good damping performance at 50 °C

• High adhesion strength

• Good water resistance

Applications

E122 is suitable for preparing waterborne damping coatings for rail vehicles, automobiles, ships, household appliances, construction machinery and other industries, as well as automotive stone-chip-resistant coatings.

Directions for Use

This product can be used alone or blended with other emulsions. When used alone, the recommended mass ratio is emulsion:powder = 1:(1.2-1.8).

Packaging / Shelf Life

125 kg per drum. Shelf life: 6 months.