



RUIFENGPOLY™ LS-55

Acrylic Impact Modifier

Product Description

LS-55 is acrylate copolymers and has an core-shell structure, the core is an high-molecular weight acrylic polymer, can improve the impact strength of PVC products, and the shell is methacrylic polymer, can blend with PVC resin. LS-55 offers outstanding room and low temperature impact in combination with unsurpassed ease of processing. The unique properties of LS-55 make it especially suitable for vinyl siding and fence substrate formulations where high filler levels and high production rates put maximum stress on the formulation. Due to its unique process aid functionality, LS-55 does not need to add processing aid in formulations that it is used to modify.

Technical specifications

| Index/Product Name | LS-55 |
|--|--------------------|
| Appearance | White fluid powder |
| Sieve residue (0.45mm) (%) | ≤2.0 |
| Volatile contents (%) | ≤1.0 |
| Bulk density (g/cm ³) | 0.4-0.5 |
| Vicat softening point (condition: 4.9kg load) (°C) | 84.3 |

Product Benefits

- ◆ Excellent Weatherability,LS-55 has been extensively tested for long-term weather resistance and impact and color retention.
- ◆ Super-strength impact resistant property
- ◆ Excellent processability, widening processing range
- ◆ Ensuring the stability of size of the finished products

Material Safety Data Sheets

MSDS are available outlining hazards and safe handling methods. consult Rui Feng for MSDS of LS-55 before handling for additional information concerning personal protective equipment, Safety, Health and Environmental.

Storage, Packing & Transportation

LS-55 Packed in 25kg woven bag or 500kg bulk bag.Avoid insolation, drench.Stored in cool and draughty place, shelf life: one year.

Countertypes

KM-369 FM-55