



RUIFENGPOLY™ LP-90

Acrylic Processing Aid

Product Description

LP-90 is a new ultra high molecular weight acrylic processing aid for rigid PVC and high quality foam applications. Its give the following performance properties-Low torque, faster fusion, high melt strength and expansion.

Physicochemical Properties

LP-90 is White free-flowing powder, bulk density:0.40-0.55g/cm³, can not be dissolved in water, ethanol, can be dissolved in chloroform and methyl ethyl ketone.

Index/Product Name	LP-90
Appearance	White free-flowing powder
Particle size 40 mesh(%)	≥ 98
volatiles(%)	≤ 1.0
Viscosity (η) (Ubbelohde Viscometer)	10.0-13.0

Product Benefits and Application

- ◆ LP-90 improve processing window and enhance impact through faster fusion control for rigid PVC applications. Melt elasticity, melt strength and sizing can be improved through the use of LP-90.
- ◆ Its high foaming efficiency enables converters to meet the most demanding requirements in foam core pipes and foam profile formulations using lower addition levels.
- ◆ LP-90 is widely used in rigid PVC, such as window profiles, siding, fences, roofing sheets, pipes, fittings, injection-molded parts, wood-plastic composites and foamed products. Addition levels for foamed products is 5-6 phr(PVC 100 phr).

Material Safety Data Sheets

MSDS are available outlining hazards and safe handling methods. consult Ruifeng for MSDS of LP-90 before handling for additional information concerning personal protective equipment, Safety, Health and Environmental.

Storage, Packing & Transportation

LP-90 Packed in 25kg woven bag or 500kg bulk bag.Avoid insolation, drench.Stored in cool and draughty place, shelf life: one year.

Countertypes

PA-630 K-435