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Technical Data Sheet

PVC Processing Modifier ACR (SHR-401 Series)

Description

PVC processing modifier SHR-401 series (401, 120N) is acrylate copolymer, mainly used to improve the rigid PVC processing properties and promote PVC resin to plasticize and melt for obtaining the good plasticization products at the low temperature. The product is white amorphous powder, insoluble in water, ethanol, and soluble in acetone, chloroform.

Functions

- Improve the rigid the rigid PVC processing properties.
- Promote PVC resin to plasticize and melt.
- Obtain the good plasticization products at the low temperature.

Technical Specification

| Item Type | Intrinsic Viscosity (η) | Density (g/cm ³) | Volatile content (%) | Sieve residue (40 mesh) (%) |
|--------------|-----------------------------------|------------------------------|-------------------------|--------------------------------|
| SHR-401 | 3.0-5.0 | 0.35 | ≤1.0 | ≤2.0 |
| SHR-120N | 5.0-7.0 | 0.35 | ≤1.0 | ≤2.0 |

Application

SHR-401: Mainly used for calendered sheets, films, sheets and profiles. SHR-120N: Suitable for PVC profiles, pipes, pipe fittings and decorative plates.

Packaging and Storage

Package: 25kg/bag, PP value bag with PE liner.

Storage: It should be stored in cool and well-ventilated surroundings, with shelf life of 12 months; it can be still used if qualified by inspection after shelf life.