

EP A-100

Poly Alpha-Methyl Styrene Resin

Character: White powder, density about 1.075 g/cm³, flash point 200 °C, ignition point 450°C.
It is soluble in organic solvents but insoluble in water.

Specifications :

| Item | Index |
|-----------------------------------|---------------------------|
| EP A-100 | |
| Appearance | Colorless or white powder |
| Softening point (°C) | 95-115 |
| Volatile matter (%) (125°C,3h) | ≤0.5 |
| Ash (%) | ≤0.001 |

Application :

1. EP A-100 is a processing agent for polyvinyl chloride and other polyolefins. In the process, it has the advantages of rapid plasticization, lower plasticizing temperature and extrusion resistance, and improved fluidity. It is widely used in the processing of transparent PVC sheets and hard products. It can maintain and improve the physical properties of products, increase the filler content, and improve the glossiness and color stability of products.
2. EP A-100 is also used as a modifier for various adhesives, coatings and thermoplastic polymers to improve the properties and processability of products.
3. In the rubber industry, this product plays the role of processing aids and reinforcing modifiers. It is used to adjust the hardness of chloroprene, nitrile-butadiene/polyvinyl chloride blends and natural rubber, and improve the tear resistance and abrasion resistance
4. EP A-100 can also be used in ABS, styrene and other plastic masterbatches instead of low molecular wax.
5. EP A-100 used in rubber and plastic foaming products can promote fluidity, gelatinization, increase the use of fillers, increase foaming ratio, color stability, and strengthen its physical properties, tear resistance and elongation.

Packaging/Storage: 25kg paper bag/PE bag. room temperature and dry environment.

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