Charring Agent RADS-733

1. Product Overview

RADS-733 is a special lamellar silicate. Its lamellar layered structure can effectively block gas penetration, thus enhancing the flame retardancy of halogen-free flame-retardant thermoplastics. It also improves the structural strength and gas barrier property of thermoplastic materials, with anti-dripping and char-forming effects.

2. Product Characteristics

Composition: Organically modified lamellar silicate

Appearance: Milky white to slightly grayish-white powder

Fineness: (325 Mesh)

Passing Rate: >95%

Moisture Content: <3%

Bulk Density: ~0.35g/cm^3

3. Application Fields

Suitable for flame retardancy, structural reinforcement and other applications in the following systems:

- Low Density Polyethylene
- Magnesium Hydroxide Filled Polypropylene
- Aluminum Hydroxide Filled Ethylene-Vinyl Acetate
- Polypropylene

4. Key Features

■ Low Addition Amount ■ Excellent Charring Effect ■ Minimal Impact on Material Properties

Addition Amount: Recommended addition amount is 2-5%