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## Technical Data Sheet

### MBS Impact Modifier

#### Description

MBS impact modifier is a ternary copolymer consisted of Methyl Methacrylate, 1,3-Butadiene and Styrene. It has dual benefits combined with higher impact strength and environment friendly. The product is an amorphous white powder, mainly be used in the field of PVC transparent material and film production.

#### Product benefits:

- Environment friendly
- Super impact strength
- Excellent dispersibility and quality consistency
- No plate-out, reducing downtime for roll or mold clear up
- Balance combination of mechanical properties and optical properties

#### Technical Properties:

Item Type	Appearance	Glass transition temperature (Tg)	Bulk density (g/cm <sup>3</sup> )	Volatile content (%)	Sieve Residue (30mesh) (%)
SHR-715	White powder	-53±1.0	0.30	≤1.0	≤2
SHR-716	White powder	-54±1.0	0.30	≤1.0	≤2

#### Application:

SHR-715: Mainly be used in clear PVC sheet and film.

SHR-716: PVC Transparent container, Pharmaceutical Packaging, transparent sheet, film with higher impact strength needs.

#### Packaging and storage:

Package: 25kg/bag, PP valve bag with PE liner

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