



## POLYKEM JUPITER (P) LTD

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# TECHNICAL DATA SHEET

## AIM-702

### Acrylic Impact Modifier

#### PRODUCT DESCRIPTION

Acrylic impact modifiers were used in the rigid PVC in the 1950s. Its main function was to improve the impact strength & processability of PVC products. Through the years, Acrylic impact modifiers have been developed into an essential part in additives family.

Polykem Jupiter's AIM series is a core shell structure Acrylic Impact Modifier. It can give PVC excellent impact resistance performance as well as weatherability, coupled with the necessary properties of processing aids. It is an ideal impact modifier for rigid PVC profiles, sheets, boards, pipes, fittings etc.

#### Technical Specifications

Index	AIM-702
Appearance	White Fluid Powder
Particle size 40 mesh (%)	≥ 99
Volatile Contents (%)	≤ 1.0
Bulk Density (g/cm <sup>3</sup> )	0.40-0.55

#### Product Benefits

- Excellent weatherability, AIM-702 has been extensively tested for long term weather resistance and impact & color retention.
- Superior "Satin" surface finish. The wide processing window of AIM-702 assures a consistently flawless "satin" surface finish.
- Good low-temperature impact. The unique chemical composition of AIM-702 imparts excellent low temperature impact resistance.
- Improved Processability. Because of the low melt viscosity of AIM-702, extrusion temperatures are lower, resulting in enhanced compound stability and output.
- High output. The low melt viscosity of AIM-702 allows higher output without increasing extruder amps.

#### Storage, Packing & Transportation

AIM-702 Packed in 25kg woven bag or 500kg bulk bag. Avoid insolation, drench. Stored in cool and draughty place, shelf life : one year.