

# 產協企業股份有限公司 CHAN SIEH ENTERPRISES CO., LTD.

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## Technical Data Sheet

## AR-543

## Solid Acrylic Resin

### Product properties

Type	BMA/MMA copolymer
Appearance	white, clear, free flowing spherical beads
Solid content (%w/w)	min 99 %
Tg (°C)	64
Average Mol. weight (Mw)	125.000
Acid value	8
Viscosity (25°C; m.Pa.s)	800 – 1300 (35% in Xylene)
Softening point	180
Density	1.11

### Solubility and compatibility

AR-543 is soluble in ketones, alcohols, aromatics and esters.

Good compatible with NC, plasticizers, vinyl's, chlorinated rubbers, epoxy and other thermoplastic acrylics.

### Applications

- Plastic and wood coating
- Primed metal coatings
- Concrete paints

### End-use properties

- good chemical and abrasion resistant
- hard and flexible
- high gloss
- broad compatibility and outdoor durability

### Storage

Stored in a dry place, its shelf life is 2 years.

### Safety

Relevant information can be found in the Material Safety Data Sheet for AR-543

*The information contained in this technical data sheet is the result of the most up-to-date available in our company. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation. The user must ensure that the information is suitable and complete in relation to the specific use of the product*