

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

台北市南京東路二段 90 號 3 樓  
3F., 90, SEC. 2, NANKING. E. RD. TAIPEI, TAIWAN R.O.C.

TEL: (02) 25816516 (10 Lines)  
FAX: (02) 25317923 · 25816899  
E-mail: chansieh@ms17.hinet.net

## Technical Data Sheet

AR-544B5

Solid Acrylic Resin

### Product properties

Type	MMA copolymer
Appearance	white, clear, free flowing spherical beads
Solid content (%w/w)	min 99 %
Tg (°C)	64
Average Mol. weight (Mw)	50,000
Acid value	6.5
Viscosity (25°C; mPa.S)	550 – 850 (40% in Toluene)
Transmission	min 90%
Softening point	155
Density	1.11

### Solubility and compatibility

AR-544B5 is soluble in ketones, alcohols, aromatics and esters.  
Good compatible with plasticizers, vinyl's and chlorinated rubbers.

### Applications

- Plastic and wood coating
- Marine, metal and car refinishing paint
- Road and concrete paints
- Flexo and gravure printing inks, screen inks
- Powder coating additive

### End-use properties

- good heat and alkaline resistant
- hard, tough, flexible, easy soluble and fast drying
- 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-544B5

*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*