



## POLYTONE™ SYNTHETIC RESINS

### Thermoplastic Acrylic Resins

TECHNICAL DATA	POLYTONE™ ABR-1011
Chemical Classification	Acrylic Polymer
Type	MMA Resin
Physical Form	Fine Granules or Beads
Colour	White
Glass Transition Temperature	95 ° C
Viscosity of 17.5% solution in Toluene at 25° C	12 – 16 Poises
Acid Value	0 mg KOH/ g resin
Molecular Weight	Very High

- Application** POLYTONE™ ABR 1011 is used in barrier top coating of vinyl fabrics for dielectric heat sealability, maximum resistance to abrasion, block resistance and slip. This resin will also perform well as abrasion resistance top coating for other plastics eg ABS. POLYTONE™ ABR 1011 is used to provide maximum toughness and abrasion resistance and is suitable for scuff resistance top coat for luggage and similar items. POLYTONE™ ABR 1011 is preferable for use in high quality top coats for such demanding uses as automobile upholstery. Because of its high molecular weight this resin contributes maximum abrasion resistance & is highly resistant to dielectric burning (arcing) during sealing.
- Solubility** POLYTONE™ ABR 1011 is soluble in Methylene & Ethylene Chloride, Methyl Formate, THF, Toluene, Ethyl Acetate, THF, Acetone, DMF.
- Compatibility** POLYTONE™ ABR 1011 is compatible with NC, Epoxy, Vinyl Chloride, Silicone, PTSE, Cumarone & Indone Resins Etc.
- Packaging** Available in 20 Kg bags.
- Shelf Life** Store under cool dry conditions. It is recommended that the material be used within 12 months from the date of manufacture.

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