



PARALOID™ B-66 100%
Solid Grade Thermoplastic Acrylic Resin

Introduction

PARALOID™ B-66 100% solid grade thermoplastic acrylic resin is designed for use in protective coatings for concrete, masonry, metal and plastic applications. This general purpose resin has the same characteristics as the solution grade. In appropriate solvents, it forms clear solutions that air-dry extremely fast to form hard, colorless films with excellent resistance properties and color retention.

Typical Applications

- Concrete and masonry sealers
- Traffic paint
- Clear aerosols
- Graphic arts and gravure printing inks
- Protective coatings for plastics (ABS, polycarbonate and polystyrene)
- General metal protective and decorative coatings

Advantages

- Fast solvent release
- Exceptional toughness and durability
- Good water resistance
- Good salt-spray resistance
- Color retention
- Soluble in many different solvents
- Compatible with many different resins

Typical Physical Properties

These properties are typical but should not be considered specifications.

Appearance	Powder
Solids content, mass, %	100
Solids content, volume, %	100
Brookfield viscosity, at 25°C, cPs (40% solution in xylene)	590
Molecular weight, wt. ave.	70,000
Solubility parameter	9.0
Glass transition temperature (T _g), DSC, °F (°C)	122 (50)
Density, at 25°C, lbs/gal (kg/l)	9.1 (1.10)
Ultimate hardness of clear films, KHN	12-13

Solubility

Your local Dow representative can provide information about the solvent compatibility of PARALOID™ B-66 100% acrylic resin.

Product Stewardship

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