



PARALOID™ B-66X (51%) Thermoplastic Solution Resin

Product Description

PARALOID B-66 resin is an excellent general-purpose resin with very fast solvent release. PARALOID B-66 is compatible with nitrocellulose, alkyds, and other types of resins, providing an air-drying system with excellent durability, toughness, adhesion, and resistance properties.

Solution grades of PARALOID B-66 are available at 51% solids in toluene (PARALOID B-66T) or xylene (PARALOID B-66X). PARALOID B-66 is also available as a solid grade. The solution grades allow some formulation latitude, eliminating the dissolving step necessary with the solid grade.

Typical Properties

These properties are typical but do not constitute specifications.

	PARALOID B-66T	PARALOID B-66X
Solids, Wt. %	51	51
Solvent	Toluene	Xylene
Density, 25°C, lb/gal	8.2	8.2
Viscosity, 25°C, cP	2300-4300	5000-8500
Flash Point, °C	6.7 PMCC	26.7 PMCC
Molecular Weight, Wt. Avg.	70,000	70,000
Solubility Parameter	9.0	9.0
Tg, °C	50	50
Ultimate Hardness of Clear Films, KHN	12-13	12-13
Chemical Composition	MMA/BMA copolymer	MMA/BMA copolymer

Safe Handling Information

Dow Material Safety Data Sheets (MSDS) contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Under the OSHA Hazard Communication Standard, workers must have access to and understand MSDS on all hazardous substances to which they are exposed. Thus, it is important that you provide appropriate training and information to your employees and make sure they have available to them MSDS on any hazardous products in their workplace.

The Dow Chemical Company sends MSDS on non-OSHA-hazardous as well as OSHA-hazardous products to its customers upon initial shipment, (including samples). If you do not have access to one of these MSDS, please contact your local Dow representative for an additional copy.

Updated MSDS are sent upon revision to all customers of record. In addition, MSDS are sent annually to all customers receiving products deemed hazardous under the Superfund Amendments and Reauthorization Act.

MSDS should be obtained from your suppliers of other materials recommended in this bulletin.

Additional safe handling information is available from Dow representatives.

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