

Technical Properties of Paraloid® Resins

Paraloid®

Product name	Base composition	Mol. Weight	Tg	Hardness (KHN)	Viscosity (cP)	Ref. Index	Forms	Comments and commercial uses
A-11	MMA	125,000	100	18-19			100% solids, powder	hard resin; resistant to water and alcohol; coatings for metal, vinyl and plastic
A-101	MMA	125,000	100		5,000		40% in MEK	hard resin; exterior durability and resistance
B-44	MMA/EA	140,000	60	15-16		1.89	100% solids, pellets	excellent adhesion to various untreated substrates, PVDF coatings
B-44S	MMA/EA	140,000	60		1,500	1.89	40% in toluene	excellent adhesion to various untreated substrates, PVDF coatings
B-48N	MMA/BA	250,000	50	11-12		1.89	100% solids, pellets	unique hardness vs. flexibility; adhesion
B-48S	MMA/BA	250,000	50		8,500	1.89	45% in toluene	unique hardness vs. flexibility; adhesion
B-66	MMA/BMA	70,000	50	12-13		1.486	100% solids, powder	general purpose, fast solvent release
B-66T	MMA/BMA	70,000	50		3,300	1.486	51% in toluene	general purpose, fast solvent release
B-66X	MMA/BMA	70,000	50		6,800	1.486	51% in xylenes	general purpose, fast solvent release
B-67	iBMA	60,000	50	11-12		1.486	100% solids, powder	medium & long oil alkyd modifier, most water resistant; general purpose thermoplastic
B-67, 45%	iBMA	60,000	50		1,500		45% in VM&P(90)/xylene(10)	medium & long oil alkyd modifier, most water resistant; general purpose thermoplastic
B-72	EMA/MA	105,000	40	10-11		1.479-1.489	100% solids, pellets	soft resin, compatible with various resin types
B-72, 50%	EMA/MA	105,000	40		4,000	1.479-1.489	50% in toluene	soft resin, compatible with various resin types
B-82	MMA/EA	120,000	35	10-11			100% solids, pellets	general purpose, chemical resistant, softest resin
B-82, 51%	MMA/EA	120,000	35		5,500		51% in toluene	general purpose, chemical resistant, softest resin
B-99N	MMA/BMA	15,000	80	14-15			100% solids, pellets	improves gloss of other resins; short & medium oil alkyd compatible; pigment dispersant
B-99, 50%	MMA/BMA	15,000	80		3,000		50% in xylene(70)/toluene(30)	improves gloss of other resins; short & medium oil alkyd compatible; pigment dispersant
C-10LV	MA						40% in	
F-10	BMA	150,000	20		2,100		40% in MT(87)/A150(13)	aliphatic hydrocarbon soluble; fluorescent pigments
NAD-10V	iBMA	130,000	40		500		40% in VMP-N	non-aqueous dispersion, fluorescent pigments

MA=methylacrylate

MMA=methylmethacrylate

EA=ethylacrylate

EMA=ethylmethacrylate

BA=butylacrylate

BMA=butylmethacrylate