

# BONTAMINE 變性胺樹脂 (Modified Amine)



(Curing agent for epoxy resin)

Product	Amine Value	Viscosity (CPS/25°C)	Color (Gardner) (MAX)	AHEW	Mix Ratio PHR (EEW=190)	Pot Life (min.) (25°C/100g)	Application					Properties
							Adhesive	Lamination	Casting	Paint	Civil Engineering	
5010	120±30	10000~14000	4	190	100	(10g) 3-5	O					Fast curing, able to cure in low temperature.
5010-7	-	10000~14000	4	190	100	(10g) 4-5	O					Fast curing, able to cure in low temperature.
5015	120±20	7000~10000	4	190	100	(10g) 3-5	O					Fast curing, able to cure in low temperature.
5020	240±30	10000~13000	4	190	100	(50g) 15	O			O	O	Transparent, fast curing and no amine blush.
5020F-1	300±30	6000~8000	4	105	100	14	O			O	O	Fast curing, able painting after two hours later.
5110	290±30	500~900	3	100	50	42		O		O	O	Transparent, chemical resistance, waterproof, wear-resistance.
5111	260±30	300~700	2	110	50	50		O		O	O	Similar to 5110
5113-2	370±30	150~250	2	60	33	22		O		O	O	Low viscosity and low Color, chemical resistance.
5113-4	310±30	100~150	1	100	50	20		O		O	O	Low viscosity and low Color, chemical resistance.
5113-6	340±30	100~200	2	90	50	12		O		O	O	Excellent surface gloss · Low temperature, wet surface curing,
5118	240±30	100~150	2	100	50	180		O		O	O	Low viscosity and low Color, chemical resistance.
5119 series	360±30	3000~5000	-	-	50	30					O	Wet ground and can operate in the water.
5120	270±30	400~600	2	90	50	23		O		O	O	Low temperature, high humidity, the surface of the non-fogging
5130	330±30	200~400	2	90	50	38		O		O	O	Low temperature, gloss and long pot life.
5140	320±30	200~400	2	90	50	30		O		O	O	Low temperature, having high gloss under high humidity.
5150	310±30	200~400	3	100	50	28	O		O	O		Low viscosity, excellent surface gloss, good physical properties.
5168	260±30	300~500	3	115	60	45						Low viscosity and low Color, chemical resistance.
5210	760±30	200~400	4	45	25	35		O			O	Chemical and solvent resistance.
5220	820±30	200~400	8	60	33	26		O			O	High strength, civil engineering resin mortar.
5220-1	-	300~600	8	-	33	15	O		O		O	Suitable for use in low temperature environment.
5230 Series	540±30	100~300	6	57	33	8	O			O	O	Wet surface curing, fast curing.
5240	550±30	300~500	6	80	50	24		O	O		O	Fast curing, chemical resistance.
5250	420±30	800~1300	8	90	50	14				O	O	Water based, fast curing.
5270	650±30	1000~2000	8	85	50	16	O			O	O	Fast curing in low temperature.
5280	490±50	250~450	4	95	50	30	O		O		O	High compression, flexural and tensile strength.
5310	320±30	1500~2500	12	90	50	32	O		O	O	O	Acid resistance, fast curing.

# BONTAMINE 變性胺樹脂 (Modified Amine)

ISO 9001

(Curing agent for epoxy resin)

Product	Amine Value	Viscosity (CPS/25°C)	Color (Gardner) (MAX)	AHEW	Mix Ratio PHR (EEW=190)	Pot Life (min.) (25°C/100g)	Application					Properties
							Adhesive	Lamination	Casting	Paint	Civil Engineering	
5320	250±30	500~800	12	90	50	38	O		O	O	O	Acid resistance, low viscosity.
5320-51	250±30	400~600	12	90	50	30	O		O	O	O	Similar to 5320
5330 series	220±30	1000~2500	12	110	50	130	O		O	O	O	Acid resistance, long pot life.
5340	270±50	200~400	12	110	50	70	O		O	O	O	Electrical insulation and Tar-Epoxy.
5370-2 series	210±30	900~1500	12	-	-	-	O		O	O	O	Operation easily, Reshape molding.
5410	600±50	60~150	8	44	25	120			O			Heat resistance HDT=150°C.
5420	550±30	700~1500	4	60	30	32	O			O		Heat resistance HDT=110°C.
5430	160±30	(40°C) 10000~2000	12	30	20	24 hr	O		O			Heated Cure, heat resistance.
5510	-	70~100	2	160	85	180			O			Heated Cure, heat resistance and excellent electrical properties.
5512	800±30	10~20	2	35	20	60	O		O	O		Room temperature curing, low viscosity, low toxicity, high HDT.
5520	-	60~80	2	160	85	180		O	O			Properties the same 5510, carbon fiber molding and electronic packaging.
5620	450±30	10~30	2	60	30	6 hr		O	O			Low viscosity, casting for art crafts.
5630	250±30	20~50	2	100	50	8 hr		O	O			Low viscosity, long pot life.
5640	360±30	30~50	2	75	33	74		O	O			Low viscosity, casting for art crafts.
5643	350±30	60~120	2	80	50	12 hr		O	O	O		Low viscosity, long pot life.
H 55	650±30	3500~4500	8	-	50	31-35	O		O	O		Resistance of water, wet and scratching.
H 885-3	330±30	50~70	8	-	-	-	O		O	O		Resistance of water, wet and scratching.