

Page 48 - 1
M. Taylor
Chicago
July 15, 1955

CLASS 4800

AMINE ALDEHYDE RESINS

4800 - 4849 Urea-aldehyde resins

4850 - 4899 Melamine and Misc. Amine resins

4800 - 4849 Urea-Aldehyde resins

Classified Number	Trade Name	#/Gal.	N.V.M.	Visc.	A.V.	Solvents	Volume Solids
(4800)	Plaskon 3353	8.42	50	Y-Z ₁	3-6	20 (323) 30 (411)	39.1
(4805)	Uformite F200 E	8.5	50	W-Z ₁	3-8	25 (323) 25 (411)	38.8
(4820)	Resimene U920	8.5	60	V-X	0.5-2	10 (323) 30 (411)	50.3
(4825)	Beetle 216-8	8.5	60	S-V	0.5-2	10 (323) 30 (411)	50.3
(4830)	Plaskon 3300	8.42	50	N-P	2-5	20 (323) 30 (411)	39.1
(4840)	Uformite F226 E	8.2	50	W-Z ₁	4-7	50 Capryl-Butanol Blend	40.0
(48 C 5)	Uformite F240 N	8.7	60	Z ₂ -Z ₆	3-8	40 Hi-Flash Naphtha	50.3
(48 C 15)	Uformite 700	9.69	30	B-C	-	70 Water	18.7
(48 C 16)	Resimene U 901	8.43	50	W-Z	2-3	20 (323) 30 (411)	39.1
(48 C 17)	Syn-U-Tex 400	8.34	50	W-Z	1-4	20 (323) 30 (411)	39.7
(48 C 19)	S-W Manufacture	8.49	50	N-P	3-6	20 (323) 30 (411)	38.6
(48 C 21)	S-W Manufacture	8.45	50	Y-Z ₁	3-6	20 (323) 30 (411)	38.9
(48 C 22)	Plaskon Pr-9	8.4	50	W-X	-	20 (323) 30 (411)	39.2
(48 D 1)	Plaskon 3371	8.33	50	Y-Z ₁	8-10	20 (411) 30 Amsco C.	40.5
(48 D 6)	Bakamine Beck	8.33	50	V-Z	-	20 (323) 30 (411)	39.7
(48 L 4)	Syn-U-Tex 403	8.35	50	V-Y	1-3	25 (323) 25 (411)	40.0
(48 Y 5)	Beetle 227-8	8.49	50	X-Y	1-4	20 (323) 30 (411)	39.3

4850 - 4899 Melamine and Misc. Amine resins

Classified Number	Trade Name	#/Gal.	N.V.M.	Visc.	A.V.	Solvents	Volume Solids
(4850)	Uformite MM 55	8.3	50	G-M	0-1	10 (323) 40 (411)	39.1
(4855)	Resimene 875	8.3	50	L-P	0-1	25 (323) 25 (411)	40.2
(4860)	Resimene 878	8.4	50	I-M	0-1	35 (411) 15 (418)	39.6
(48 A 3)	Resimene 883	8.55	60	S-W	0-1	20 (418) 20 (445)	51.1
(48 C 1)	Resimene 876	8.3	50	G-M	0-1	10 (323) 40 (411)	39.1
(48 C 3)	Plaskon 3381	8.36	50	M-Q	0-1	20 (323) 30 (411)	39.5
(48 C 8)	Resimene 882	8.94	65	Z-Z ₄	0-1	35 (323)	56.4
(48 D 51)	Resimene 881	8.65	60	L-P	0-1	20 (323) 20 (411)	50.3
(48 D 52)	Uformite M M46	8.3	60	I-L	0-1	20 (323) 20 (411)	52.3
(48 D 53)	Uformite M M47	8.3	60	P-T	0-1	20 (323) 20 (411)	52.3
(48 F 3)	Melmac 247-10	8.5	60	U-X	0-1	40 (411)	49.5
(48 P 10)	Uformite MM 55HV	8.2	50	T-X	0-1	5 (323) 45 (411)	39.5
(48 P 11)	RBO63 (Monsanto)	8.3	50	E-M	0-1	25 (323) 25 (411)	40.2
(48 F 1)	Melmac, 245-8	8.33	50	M-P	0-1	25 (323) 25 (411)	40.2
(48 C 18)	Uformite MX 61	8.7	60	F-N	0-1	20 (323) 20 (411)	50.0
(48 C 23)	Polyamide 100	8.1	100	-	-	-	-

*cc/ Gram Solution

*Min. Thin. Tolerance	Usage	Classified No.
1.3 - 2.7	High viscosity fast curing type - Use (48 C 21).	(4800)
1.0 - 2.5	Similar to (4800) - use (48 C 21).	(4805)
1.7 - 2.4	Low viscosity, slower curing type - use (48 C 19).	(4820)
4	Restrict - Kem Varnish similar to (4820).	(4825)
2.7 - 4.0	Try to replace with (48 C 19).	(4830)
4.5	Basic Naphtha tolerant type. Good dipping gloss.	(4840)
	Bad odor.	
2.0	Used in heat converting varnishes. Similar to (4800) (48 C 5)	
-	Emulsion.	(48 C 15)
1.0 - 1.8	Heat converting varnishes.	(48 C 16)
-	Vary fast cure-high gloss--poor color retention on baking.	(48 C 17)
2.7 - 4.0	Preferred low viscosity type-use whenever possible.	(48 C 19)
1.3 - 2.7	Preferred high viscosity type-use whenever possible.	(48 C 21)
-	Similar to (48 C 17) preferred-better color, retention and flex.	(48 C 22)
		(48 D 1)
1		(48 D 6)
-	Similar to (48 C 17) higher reduction viscosity.	(48 L 4)
1.2		(48 Y 5)
3	General; Try (48 C 1).	(4850)
2 - 3.5	Questionable stability.	(4855)
3 - 6	High cost - try (48 C 1).	(4860)
1 - 2.5	For roller coat work - similar to (48 D 51).	(48 A 3)
5 - 8	Preferred fast curing type for Appliance Enamels.	(48 C 1)
6.7 -		(48 C 3)
0.4 - 2.0	Similar to (48 D 51).	(48 C 8)
1.7 - 3.2	Slow curing - excellent for washing machine finish.	(48 D 51)
5 -		(48 D 52)
3.5 -	Very fast curing - lost cost - watch stability.	(48 D 53)
-		(48 F 3)
4.5 - 8.5		(48 P 10)
-		(48 P 11)
1.8 -		(48 F 1)
5 -	A triazine form resin. Excellent for washing machine and heat resistant enamels.	(48 C 18)
-		(48 C 23)