

DIMERS

Dimer acids, bifunctional acids derived from rapeseed fatty acid, are mainly used as polymer building blocks or rheology modifiers. Dimer acids contribute to the heat and hydrolytic stability, water repellency and pigment wetting properties of the final polymers (polyamides, polyesters, epoxy resins) based on these natural polymerized fatty acids.

PRODUCT CODE	PRODUCT TYPE	COLOR	COLOR	ACID VALUE	IODINE VALUE	WATER	FLASH POINT	FIRE POINT	DYNAMIC VISCOSITY	RELATIVE DENSITY	COMPOSITIONS %		
		Gardner	APHA(Hazen)	mg KOH/g		%	°C	°C	At 25°C cP	At 25°C	MONOMER + INTERMERDIATES	DIMER	TRIMER
Chemacid 7915	standard dimer acids	<= 8 7		190 - 197 194	85 - 90	<= 0.10 0.01	> 270	> 300	7500 - 9000 8250	0.95	1 - 3 2	79 - 85 82	13 - 19 16
Chemacid 7911	standard dimer acids	<= 8 7		190 - 197 193	85 - 90	<= 0.10 0.01	> 270	> 300	6000 - 8000 6800	0.95	2 - 4 3	84 - 90 86	9 - 12.5 11
Chemacid 7905	standard dimer acids	<= 9 7		185 - 195 191	85 - 90	<= 0.10 0.01	> 270	> 300	3800 - 4200 4000	0.94	9 - 16 12	70 - 80 74	9 - 16 14
Chemacid 2918K	hydrogenated dimer acids	<= 3 2		188 - 197 194	<= 15 8	<= 0.10 0.01	> 270	> 300	8000 - 9000 8250	0.95	1 - 4 3	85 - 95 86	8 - 12 11
Chemacid 2644K	distilled dimer acids	<= 5 3		188 - 198 195	92 - 100	<= 0.10 0.01	> 270	> 300	5500 - 6500 6000	0.93	0.3 - 0.7 0.5	>= 94.0 96.7	2.6 - 3.1 2.8
Chemacid 7344	distilled dimer acids	<= 3 1		194 - 198 197	92 - 100	<= 0.10 0.01	> 270	> 300	5000 - 7000 5700	0.93	<= 0.5 0.4	>= 98.5 99.0	<= 1.0 0.6

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