



5008-BS-70 WATER REDUCIBLE ALKYD RESIN

5008-BS-70 WATER REDUCIBLE ALKYD RESIN is an economical, general purpose water reducible alkyd which can be air dried or cured with urea formaldehyde or melamine type resins. A 16-25% crosslinker can be used based upon alkyd resin solids. It features a fast air dry and also gives excellent cure response. Hard tough films are possible with short cure schedules. Air dried and baked film properties are outstanding, and resistance to yellowing on overbake is very good.

SOLUTION PROPERTIES:

Non-volatile by weight	70 ± 1%
Non-volatile by volume	65 ± 1%
Weight per gallon @ 25°C	8.62 ± 0.15 pounds
Viscosity @ 25°C	Z ₄ – Z ₆
Flash Point (SETA)	92°F
Color (Gardner)	8 max.
Solvent(s) Present	2-Butoxyethanol/2-Butanol
Cure Type	Air dry/force dry/bake

SOLID RESIN PROPERTIES:

Phthalic Anhydride	Absent
Oil Type	Oxidizing
Oil Length	Short
Acid Value	39-45
Modifier(s)	None
OH Equivalent Weight	360

DRIER RECOMMENDATIONS (% METAL BASED ON RESIN SOLIDS):

0.06	-	0.15% Cobalt
0.08	-	0.15% Zirconium

5/01/01

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