Mixed Fatty Acid Fast Drying Alkyd Resin

### Description
ALK 3237 55 is medium oil oxidising modified polyester resin for air drying applications and low bake systems.

### Suggested uses
- Vehicle refinishes
- Fast Drying industrial finishes
- Low Bake forced drying products
- Heavy duty primers
- Two Pack applications

### Compatibility
- Long Oil Alkyds: Compatible
- Medium Oil Alkyds: Compatible
- Amino Resins: Compatible
- Isocyanate adduct: Compatible
- Chlorinated Rubber: Incompatible
- NC Resins: Incompatible
- Vinyl Resins: Incompatible
- Short Oil Alkyds: Incompatible

### Solubility / Thinnability
- Aromatic Hydrocarbons
- Esters
- Ketones
- Limited solubility in Alcohols
- Insoluble in Aliphatic hydrocarbon

### Performance
- Excellent Colour and colour retention
- Excellent Gloss and gloss retention
- Air Drying, Low Bake and two pack from a single base
- Good adhesion to metal surface.
- Good Surface and through drying.

<table>
<thead>
<tr>
<th>ALK 3237 55 Typical Physical and Chemical Properties</th>
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<tbody>
<tr>
<td>Solvent</td>
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<tr>
<td>Oil Length in %</td>
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<tr>
<td>Acid Value (mg Koh/gm) Max.</td>
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<td>Reducer</td>
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<tr>
<td>Colour in Gardner Scale Maximum</td>
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<tr>
<td>Viscosity in C.Ps@ 25 C (55 % Sol)</td>
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<tr>
<td>Viscosity @30°C in sec. B4 ford cup</td>
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<tr>
<td>Gardner Viscosity (50 % Solution)</td>
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<tr>
<td>Solid Contents in % , 120 C/1 Hr.</td>
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<td>Oh Value on resin solid basis</td>
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</tbody>
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### Recommendations
In air drying systems 0.05 % CO, 0.5 % Pb ,0.1 % Ca calcu as metal on solid resins content are recommended in air dr; systems .In lead free systems use 0.2% - 0.6% of Zirconium can be used as an alternative to Lead.

- Surface dry: 15 Minutes
- Tack free: 150 Minutes
- Hard dry: Overnight

In low bake system recommended level of Melamine Formaldehyde is 5-15% on solid resin basis are added and then baked at 80c.

In two- pack systems recommended ratios are

### On Solid Basis
- ALK 3237 55 %: 890
- N - 75: 191
- AR - 75: 243

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Storage
It should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5°C & 30°C. Exposure to sunshine should be avoided.

Stability
Under the above-mentioned storage conditions the Stability of the resin will be 24 months ex-work.

Packing Codes
PAC 1000    Bulk tankers Mild steel
PAC 0011    Iso Tank
PAC 1011    Steel Closed head drums 200 Kgs net
PAC 5011    Second hand Steel Closed head drums 200 Kgs
* Special packing also available on request.