



Product Data Sheet Urathix™ AT408 Q-70

Long-oil alkyd resin based on soya-bean oil fatty acids, low gel type

Applications

- interior/exterior slightly thixotropic paints

Principal properties

- ease of application
- slightly thixotropic
- yellowing resistance
- enamel hold out

Dilutability

| | |
|-----------------------|-----------|
| White spirit | complete |
| Xylene | complete |
| Isoparaffinic solvent | complete |
| n-Butanol | insoluble |

Compatibility

| | |
|---------------------|----------|
| Long oil alkyds | complete |
| Medium oil alkyds | complete |
| Rosin maleic resins | complete |

Recommendations on formulation and use

Urathix AT408 is suitable for high gloss top coats with good build, good through-hardening and yellowing resistance as well as an excellent enamel hold out. The usual pigment and/or fillers may be applied.

Storage guidelines

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5° C and 30° C. Exposure to direct sunlight should be avoided.

Delivery form:

70% in de-aromatised hydrocarbon D40

Product specifications

| Property | Range | Unit | TM |
|----------------------|-----------------|----------|------|
| Viscosity | 2.5 - 4.5 | Pa.s | 2013 |
| Color, Gardner | 0 - 6 | - | 2017 |
| Solids content | 69 - 71 | % | 2025 |
| Appearance | clear, sl. hazy | - | 2265 |
| Acid value, on solid | 6 - 12 | mg KOH/g | 2401 |

Other product data

| Property | Value | Unit | TM |
|-----------------------|---------|-------------------|------|
| Oil length | ca. 68 | % | - |
| Type of fatty acid | soya | - | - |
| Phthalic acid content | ca. 23 | % | - |
| Density, 23° C | ca. 920 | kg/m ³ | 2160 |
| Flash point | ca. 43 | °C | 2800 |

Drier system

For optimal drying characteristics it is recommended to use (weight % metal on solid resin):

| | |
|---------------|--------------|
| Cobalt drier | 0.05 - 0.06% |
| Calcium drier | 0.1 - 0.2% |
| Zirco drier | 0.3 - 0.5% |

Shelf life

Under the above-mentioned storage conditions the shelf life of the resin will be 365 days ex works.

Material safety

A material safety data sheet of the product is available on request.

Test methods

Test methods (TM) referred to in the tables are available on request.

Starting formulations

Starting formulations available on request.

