



Product Data Sheet Uracron™ CY129 E-70

High solid hydroxy acrylic resin

Applications

Two component clearcoats for Car Refinish

Principal properties

- solid content
- very high gloss level
- very good gloss retention
- adhesion
- compatibility

Dilutability

| | |
|----------------------------|----------|
| Xylene | complete |
| Solvesso 100 ¹⁾ | limited |
| Solvesso 150 ¹⁾ | limited |
| n-Butyl acetate | complete |
| 1-Methoxy 2-propyl acetate | complete |
| Methyl ethyl ketone | complete |

Compatibility

| | |
|------------------------------------|-----------------|
| Uracron CY468, CY433 | complete |
| Uracron CY450, CY499 | complete |
| Uracron CY474 | complete |
| Cellulose nitrate, ½ sec. | almost complete |
| Cellulose acetate butyrate | incompatible |
| Aliphatic and aromatic isocyanates | complete |

¹⁾ Exxon Chemicals

Delivery form:

70% solids in butyl acetate

Product specifications

| Property | Range | Unit | TM |
|----------------------|---------|----------|------|
| Viscosity, 23 °C | 8 - 13 | Pa.s | 2013 |
| Color, APHA | 0 - 100 | - | 2017 |
| Solids content | 69 - 71 | % | 2022 |
| Appearance | clear | - | 2265 |
| Acid value, on solid | 6 - 10 | mg KOH/g | 2401 |

Other product data

| Property | Value | Unit | TM |
|----------------------------|----------|-------------------|------|
| Density, 23 °C | ca. 1025 | kg/m ³ | 2160 |
| Flash point | ca. 28 | °C | 2800 |
| Hydroxyl content, on solid | ca. 3.0 | % | 2432 |

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.

Shelf life

Under the stipulated storage conditions, the anticipated shelf-life is 730 days from last quality control date, as stated in the Certificate of Analysis.

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.

