



Product Data Sheet Uracron™ CY142 E-70

Hydroxy acrylic resin for two component coatings

Applications

Clear and solid color topcoats for :

- 2K coatings for Car Refinish
- 2K Industrial Metal coatings

Principal properties

- fast drying
- good open time
- good overspray uptake
- high mechanical strength
- high solid content at application viscosity
- good chemical resistance
- good weathering resistance
- good resistance to water

Dilutability

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

Remarks

Uracron CY142 E-70 is preferably combined with aliphatic polyisocyanates.

¹⁾ Exxon Chemicals

Delivery form:

70% in butyl acetate

Product specifications

Property	Range	Unit	TM
Solids content	69 - 71	%	2038
Viscosity 23° C	3 - 5	Pa.s	2013
Acid value, on solids	12.5 - 17.5	mg KOH/g	2401
Color	0-100	APHA	2017
Appearance	clear	-	2265

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 solids	ca. 4.2	%	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 products is available on request.

Test methods

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

