



Product Data Sheet Uracron™ F18NV 60X

Hydroxy acrylic resin for 2-component coatings

Applications

- General industrial coatings :
- solid color/clear primer/top coat
 - air and oven drying 2 pack enamels

Principal properties

- curing time
- light fastness
- weathering resistance
- chemical resistance
- adhesion on non-ferrous metals
- good flexibility
- high hardness

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 |

Remarks

- Uracron F18 can be combined with aliphatic and aromatic polyisocyanate.

¹⁾ Exxon Chemicals

Delivery form:

60 % solids in xylene

Product specifications

Property	Range	Unit	TM
Viscosity, 23 °C	1.8 - 2.8	Pa.s	2013
Color, APHA	0 - 100	-	2017
Solids content	59 - 61	%	2022
Appearance	clear	-	2265
Acid value, on solid	max. 5.0	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Density, 23 °C	ca. 1000	kg/m ³	2160
Flash point	ca. 23	°C	2800
Hydroxyl content, on solid	ca. 1.8	%	2432

Test methods

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

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 for this product is available on request.

Starting formulations are available on request

