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Product Data Sheet

Uralac® 7120 S-70

Description

Hydroxyl acrylic resin for two component NCO curing system.

Applications

- Protective top coat
- ACE top coat
- Machinery coat

Principal properties

- Adhesion
- Dry speed
- Recoatability
- Weathering
- High solid

Dilutibilty:

Xylene complete
n-butyl acetate complete
methyl ethyl ketone complete
methyl isobutyl ketone complete

Compatibility:

Cellulose nitrate 1/2 sec
Cellulose acetate butyrate
Aliphatic isocyanate
Aromatic isocyanate
Uracron 430,474

imcompatible
compatible
compatible
compatible

Recommendations on formulation and use Uralac® 7120 S-70 is high solid content with good reactivity, drying properties and weathering resistance. it is suggested to use catalysts such as: DBTL (Dibutyltindilaurate) 0.002-0.02% on total binder. Zinc drier 0.1-0.3% on total binder. When dispersing organic or inorganic pigments, it is recommended to use a pigment wetting agent

Delivery form: 70% in Solvesso 150.

Product specifications

Property	Range	Unit	TM	
Appearance	clear		2265	
Color	≦100	APHA	2017	
Non volatile	69 - 71	%	2025	
Viscosity	2100 - 4800	mPa.S	2013	
Acid value	6 - 12	mgKOH/g	2401	

Other product data

Droporty	Value	Linit	TM
Property	Value	Unit	I IVI
Density	1.02	kg/m³	2160
Flash point	25	° C	2800
Hydroxyl content	t 26	mgKOH/g	2432

Test methods

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

Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5- 30°C. Exposure to direct sunlight should be avoided.

Shelf life

Under above mentioned storage condition, the shelf life of the resin will be 12 month ex work.

Material safety

A Material Safety Data Sheet for this product is available on request.

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