Product Data Sheet
Urakyd™ AM352 X-60

Phenolic modified short-oil alkyd resin based on tall oil fatty acids and tung oil

Applications
- anti-corrosive primers
- non lifting fillers
- machinery paints

Principal properties
- drying speed
- hardness
- salt spray resistance

Dilutability

Xylene	complete
n-Butyl acetate	complete
Methyl ethyl ketone	complete
n-Butanol	insoluble
White spirit	insoluble

Compatibility

Short-oil alkyds	complete
Medium oil alkyds	limited
Long oil alkyds	incompatible
Rosin maleic resins	limited
Urea-formaldehyde resins	complete
Cellulose nitrate ½ sec.	limited

Recommendations on formulation and use
Urakyd AM352 may be applied by spraying equipment or dipping for fast initial drying anti-corrosive primers and fillers with good recoatability and non-lifting properties.
The compatibility with reactive pigments and/or extenders should be carefully checked on shelf life.

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

Starting formulations
Starting formulations available on request.

Delivery form:
60% in xylene

Product specifications

Property	Range	Unit	TM
Solids content	59 - 62	%	2025
Viscosity, Falling ball 23°C	52 - 58	dPa.s	2001
Acid value, on solid	15 - 25	mg KOH/g	2401
Color, Gardner	0 - 7		2017
Appearance	clear	-	2265

Other product data

Property	Value	Unit	TM
Oil length	37	%	-
Type of fatty acids/oils	tall oil/tung	-	-
Phthalic acid content	ca. 30	%	-
Modification	phenolic/rosin	-	-
Density, 23°C	ca. 1010	kg/m³	2160
Flash point	ca. 28	°C	2800

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

Cobalt drier	0.01 - 0.03%
Calcium drier	0.05 - 0.1%
Zirconium drier	0.1 - 0.3%

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 365 days from last quality control date, as stated in the Certificate of Analysis.

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