

Product Data Sheet

Alfakyd 027 T70

ALFAKYD 027 T70 is a short oil air drying, chain stopped alkyd resin based on soybean / sunflower oil.

Application

-clear and pigmented polyurethane lacquers,
-NC lacquers and stoving systems

Principle Properties

-very good durability,
-excellent hardness,
-high gloss and gloss retention

Dilutability

-Xylene	Complete
-n-Butyl acetate	Complete
-Methyl ethyl ketone	Complete
-n-Butanol	Insoluble
-White spirit	Insoluble

Compatibility

-Hydroxyl acrylic resins	Limited
-Long oil alkyds	Incompatible
-Short oil alkyds	Complete
-Cellulose nitrate	Complete
-Aliphatic polyisocyanate	Complete
-Aromatic polyisocyanate	Complete
-Amino resins	Complete

Suggested drier combinations

-Cobalt	0,04-0,06%
-Zirconium	0,05-0,07%
-Calcium	0,08-0,10%

As metals on solid resin

Delivery form

70% in Toluene in steel drum packing with net content of 200 kg per drum.

Product Specification

Tests	Range	Test Method
Non volatile,%	69-71	ISO 3251
Viscosity,25°C,as such <i>Gardner-Holdt, sec</i>	6,8-8,6 Pa.s 100-125	ISO 3219
<i>Gardner-Holdt, tube as such, 50% in Toluene</i>	Z ₄ - Z ₄₊ C - D	ASTM D 1545
Acid value, (mgKOH/g)	15 max	ISO 2114
Color (Gardner,%50)	6 max	ISO 4630-2
Density (20°C)	1,07± 0,02	ISO 2811-1

Composition

Oil content:	~27 %
Type of Oil:	Soybean / Sunflower Oil
Solvent Composition	Toluene
OH content(solid resin),%	3,2± 0,2

Storage condition

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.