



Functional resins

SYNTHALAT A-TH 3955

45% in butyl acetate

Polyisocyanate crosslinkable acrylic resin for easy to matt coatings

APPLICATION

Synthalat A-TH 3955 is an acrylate resin that requires only little amount of matting agent to obtain matt coatings.

- In combination with (cyclo-) aliphatic polyisocyanates air- and oven-drying 2K-MS top coats for metallic, plastic, wood and glass substrates.
- In combination with melamine resins, oven-drying topcoats for metallic and glass substrates.

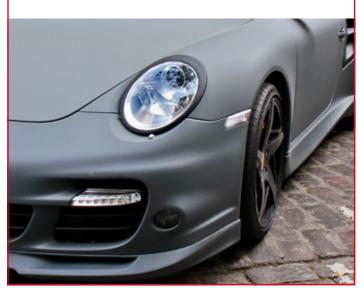
Wherever high resistance with low gloss is required and polishing or friction leads to increased gloss. **Synthalat A-TH 3955** requires significantly less matting agent than conventional resins: here only 1/3 of the quantity at 0 GE. This means that chemical resistance is also given at 0 GE without polishing.

FIELDS OF APPLICATION

Car OEM and repair, rim lacquers, motorbike and bicycle lacquers, furniture, especially with natural look, household appliances, phono and electrical appliances, optical devices, glasses of all kinds.

HIGHLIGHTS

- Very good chemical and weather resistance
- Excellent adhesion to metal, glass, wood and various plastics
- Production of high gloss lacquers also possible
- Need only 30% of matting agents compared to other acrylic resins





PROPERTIES AND TECHNICAL DATA

Delivery form 45% in butyl acetate Viscosity/ 23 ° C 2000 – 4000 mPa*s

Solids (nfA) 45 + /-1 %Hydroxyl value 50 - 70

Hydroxyl content approx. 1.8%

Colour number (Gardner) < 2

Flash point in °C approx. 26
Density in g/mL approx. 0.99

OTHER ACRYLATE RESINS WITH EASY MATTING PROPERTIES

Synthalat A-TH 4354 50% in butyl acetate 2.4% OH Synthalat A-TH 4449 50% in butyl acetate 3.0% OH

Synthalat A-TH 4467 50% in butyl acetate 3.8% OH (very high resistance)

Synthalat A-TH 4472 50% in butyl acetate 4.5% OH Synthalat A-TH 4474 50% in butyl acetate 5.2% OH

From 3.8% OH suitable for automotive.

