

Technical data sheet

Updated: 31052018

AH 140 m

modified rosin resin

Technical features:

Alcohol soluble resin with high acid value

Application:

AH 140m is a maleic acid modified colophony resin with high acid value and is alcohol soluble. After neutralization with ammonia or amines the resin becomes water soluble. Especially suited for water-soluble and- thin able flexo printing inks, with glycols for cardboard printing inks. Through use of plasticizers, castor oil or polyvinyl butyrate, film properties can be varied. Also used in so called spirit coatings on metal, paper and wood.

Storage conditions:

At temperatures up to 25°C **AH 140m** has a storage stability of max. 12 months in its original packaging, from date of manufacture.

Form of supply:

100% resin, crushed or flakes in 25 kg paper bags

Batch related certificates of analysis are issued on delivery of commercial quantities

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Specification		
Property / Method	Unit	140 m
acid value on solid resin	mg/KOH/g	190-220
DIN/ISO/EN 2114		
Color		
Gardner Color Std. 50% in Ethanol		max.10
ASTM D 1544		
melting point ring & ball	°C	160 +/- 10
DIN / ISO 4625		
Viscosity (DIN cup 4)	20°C /seconds	100-150
DIN 53211	60% in Ethanol	
Solubility		
white spirit		⑥
xylene		⑥
acetone		①
ethylacetate		①
ethylglycolacetate		①
ethanol		①
Iso-butanol		①
① unlimited soluble		
② mostly soluble		
⑤ limited soluble		
⑥ not soluble		

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