

HYDRO-REZ™ 5626 E

HYDRO-REZ™ 5626 E is a fumarated rosin ester that is soluble in alcohol or can be dispersed in water with ammonia, amines or morpholine. This product is compatible with shellac or manila resins, most acrylic dispersions and resins. The high melting point promotes a fast solvent release and good leveling properties.

Recommended as binder in solvent or water based flexographic inks, or for use in spirit varnishes.

Application

WB and/or SB Flexographic and gravure inks, OPV, specialty or spirit varnishes.

Alternative for shellac, manila and/or acrylic resins

- ▲ High melting point
- ▲ Good leveling properties

- ▲ High gloss

Typical properties

Property	Value	Unit	Test Method
Acid value	205	mg KOH/g	LIMR01
Viscosity	20	Seconds	Ford cup 4, 50NV EtOH, 25°C, LIMR07
Melting point	180	°C	Mettler Toledo MDSP, LIMR42
Colour	8	Gardner	50% EtOH, LIMR18a

Updated January 7, 2025 by SA

Packaging

HYDRO-REZ™ 5626 E is shipped in 500 or 1000 kg FIBC's type C, or in 25 kg paper bags.

Shelf life and storage conditions

Shelf life from date of production is typically 24 months. The resin should be stored at temperatures below 30°C.

If the resin is stored wrongly or for a longer period of time, an increase in viscosity is possible.

Product carbon footprint calculated in line with ISO14040 standard is available upon request.

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