

DYNAPOL[®] Catalyst C 31

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General description

Catalyst C 31 is a modified tin-(IV) alkoxyolate.

Main use for catalysis of heat curing, blocked one pack polyurethane stoving enamels.

Specification

Property	Value	Unit	Test method
Non volatile content ¹⁾	50 ± 2	% by weight	DIN EN ISO 3251
Viscosity (23 °C)	3.5 ± 1.5	mPa s	DIN EN ISO 1183
Colour (Gardner)	≤ 2		DIN ISO 4630

Typical data

Tin content	4.6	% by weight	
Density (20 °C) (solution)	0.99	g/cm ³	DIN EN ISO 1183
Flashpoint	34	°C	DIN EN ISO 1523

¹⁾ 30 min 80 °C

Uses

Coil- and can coating stoving enamels.

Processing Advise

Catalyst concentrations from 0.5 – 1.0 % b.w., rel. to the paint formulations, have been proved successful. It is however advisable to adjust the optimal catalyst concentration by means of trials.

Supply Form

50 % in xylene.

Storage Stability

Protected from heat, sunlight, moisture and foreign materials the shelf life DYNAPOL® Catalyst C 31 is six (6) months from the date of delivery when stored in unopened original containers at temperatures below 25° C (77°F).

Packaging

200 kg (net) in one-way drums.
25 kg (net) in steel pails.

Safety and Handling

Please refer to our Safety Data Sheet.

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