



## TECHNICAL DATA SHEET

### INDOX ED 100

#### PROPERTIES

- CAS Nr. 90529-77-4
- low viscosity
- Glycerol-3-polyglycidylether
- solventfree

#### TYPICAL APPLICATION

INDOX ED 100 is a mixture of di- and trifunctional epoxides based on glycidyl glycerol ether. INDOX ED 100 is used as a modifying agent in the production of epoxy formulations of adhesives, paint and coatings and in the civil engineering. Recommended dosage: 2-20%

Another application of INDOX ED 100 is the coating of technical polyester and aramidfibres. The so activated fibres are embedded into tyres, v-belts and conveyor belts as textile reinforcement, where INDOX ED 100 serves as adhesion promoter between rubber and fibres.

#### TECHNICAL DATAS (typical data; please ask for the specifications)

##### INDOX ED 100;

chemical type		Glycerol-3-polyglycidylether
appearance		transparent liquid
epoxy equivalent	g/ekv	140-150
viscosity at 25°C	mPas	160-200
colour, Gardner		max.1
refractive index at 25°C		1,476-1,482
density at 25°C	g/cm <sup>3</sup>	1,21-1,23

#### STORAGE

- Keep cool and dry out of sunlight, on the room temperature. We assure one year guarantee of keeping quality, when standard storage is adherenced.
- STORAGE has to be +15-+25°C
- Protect from frost.



# Inchem

Industrial Chemicals

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## PHYSIOLOGY AND LABORATORY SAFETY REGULATIONS

- While dealing with epoxy resins and curing agents, please consider the safety precautions mentioned in the risk and safety phrases. Avoid pollution of the unprotected skin - wash off with warm water and soap, if necessary. Wear protective clothing and use barrier cream before starting your work, please!
- Always ensure that all health and safety procedures are in accordance with local and national Government requirements.

### NOTICE

- The information given here is based on the testing methods established by Inchem Ltd. and on the knowledge of the characteristics of INDOX; INDUR products and is given in good faith. No liability is accepted by Inchem Ltd. for any system or application in which Inchem products are utilized

**FOR FURTHER INFORMATIONS PLEASE CONTACT US**

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