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TECHNICAL DATA SHEET

PRODUCT GROUP: SYNAPOL EPOXY 2000 LAMINATING RESIN SYSTEM

PRODUCT CODE: Epoxy 2000 is an alkyl phenol free epoxy resin curative

Features

- low mixed viscosities
- good chemical resistance
- enhanced cure

Typical uses

- filament wound pipes
- epoxy resin mortars
- protective coatings

Application data with Synapol Epopol® 2000

Mixed viscosity	800 -1000 mPa.s
Mixing ratio volume weight	2:1 Parts Epoxy 2000 44 parts per hundred
Amine equivalent weight	84
Potlife 100 grams	20°C 30 – 40 minutes

Mechanical properties

Conditioned 24 hrs 40°C

Static

Compressive strength	85 MPa compressive modulus
975 MPa 0-10% yield	11.1% at max stress

Dynamic

Tg DSC midpoint	58°C
Onset	57°C
Ultimate ∞	71
Compressive modulus 20°C	750 MPa
Tan alpha α	66°C
Tg DMA tan delta δ	74°C 0

WARRANTY:

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