



Technical Data Sheet

DUMAVINE 40

Novolac Epoxy Vinyl Ester Resin

Primary Usages

Suitable for hand lay-up, spray up and filament winding processes, FRP composite systems, Chemical storage tanks, pipes, FGD, Scrubbers, ducts, Refineries and petrochemicals

Packaging

Net 220 Kg in Steel Drum
Net 1.000 Kg in IBC
Bulk

Product Features

Excellent chemical resistance,
Excellent mechanical properties,
Very high HDT,
Excellent solvent resistance,
Excellent crack resistance

Technical Specifications

Test	Range
Appearance	Clear Liquid
Density (gr/cm ³)	1,20
Acid Value (mg KOH/g)	Max. 15
Viscosity (25°C, cP)	300 - 400
Monomer Content (%)	36 - 40
Gel Time (min)	20 - 25

*Gel time is measured at 23°C with adding 0,2% ml Co(6%) and 2% Butanox M60.

Mechanical Prop. of Cured Resin

Test	Range
Tensile Strength (Mpa)	82
Elongation at Break (%)	4
Flexural Strength (Mpa)	155
HDT (0,45 Mpa, °C)	140
Barcol Hardness	45
Volumetric Shrink (%)	8

Storage and Shelf Life Condition

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5-30 °C. Exposure to direct sunlight should be avoided. The shelf life of the resin which under the mentioned storage conditions is 6 months.

Material Safety

A Material Safety Data Sheet for this product is available on request.

The information in this data sheet is to the best of our knowledge correct at the date of printing. They merely serve the purpose of informing our customers and do not relieve them from examining themselves the suitability of the described products for the intended purpose. Since conditions of the application are beyond our control, no liability can be accepted on the basis of this data sheet.