

# DENACO IMPORTS LIMITED

## Polydur Technical Data

### Physical data

Commercial name:	Polydur LG	Polydur Emulsion EM25
Physical state:	White powder	Liquid
Composition:	Calcium Sulphate Hemihydrate	Acrylic copolymer in water
Colour:	White	White
Density @ 20°C:	2.6 g/cm <sup>3</sup>	1.055
Viscosity:	N/A	200 – 450 mPas
PH Value:	N/A	4 – 5.5
Transport regulations:	No dangerous materials	No dangerous materials or marking regulations
Regulatory information:	No labelling is required in accordance with E.E.C directives.	No labelling is required in accordance with E.E.C directives.

### Polydur Laminate

Mixing ratio: 100/50 - LG/EM25

The physical properties of a Polydur laminate are dependant upon the weight of the glass mat, woven roving, scrim or Neomat.

300/gm/m<sup>2</sup> Neomat is recommended, using 2 layers as standard.

A typical laminate using Neomat weighs approx 8 kg/m<sup>2</sup>.

Typical laminate properties

Heat resistance > 120°C

Co-efficient of linear expansion:  $11 \times 10^{-6} \text{ K}^{-1}$

## **Polydur Tooling Materials**

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