

BODY MOULD

Zero ODP Flexible Foam System

Product Description

Mix Ratio:- 100 : 54 (65 : 35) Resin : Isocyanate [by weight].

BODY MOULD is a two component polyurethane system which, when mixed at the correct ratio, produces flexible foam suitable for moulding applications. The resin component must be stirred thoroughly until homogenous before use, as the resin components will separate. For optimum results the foam should be used warm ~35°C. The foam is substantial enough to withstand pressure exerted when moulding takes place.

Component Description

BODY MOULD Resin component is a fully formulated liquid mixture. It should be stored in sealed tanks or drums at 20°C - 25°C and thoroughly mixed with a mechanical stirrer prior to use.

Viscosity @ 20°C = 1500 mPa.s (cps)
Specific Gravity @ 20°C = 1.09.

M28 Isocyanate component is a liquid mixture containing modified Diphenyl-methane-diisocyanate. It should be stored in sealed tanks or drums and heated to 20°C - 25°C prior to use.

Viscosity @ 20°C = 400 mPa.s (cps)
Specific Gravity @ 20°C = 1.20.

Physical Properties

Typical Laboratory prepared test results @ 20°C:

Cream Time 14 seconds
Rise Time 105 seconds
Free Rise Density 55 kg/m³



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Storage, Handling And Personal Protection

The recommendations in our Safety Data Sheet for this product must be followed at all times. More general information is included in our publication “A Guide to the Safe Handling of Polyurethane Resins” and the following Technical Data Sheets which are available on request: -

- Fire Safety when storing, Handling and Installing Polyurethane Foam.
- Decontamination of Isocyanates using Isothane Decontaminant.



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