

BODY MOULD 200

Zero ODP Flexible Foam System

Product Description

Mix Ratio:- 100 : 47 (68 : 32) Resin : Isocyanate [by weight].

BODY MOULD 200 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 ~30°C. The foam is substantial enough to withstand pressure exerted when moulding takes place. Moulded density will should be 200 kg/m³ to 300 kg/m³.

Component Description

BODY MOULD 200 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 = 1000 mPa.s (cps)
Specific Gravity @ 20°C = 1.10

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 22 seconds
Rise Time 85 seconds
Free Rise Density 110 kg/m³



Isothane Limited, Newhouse Road
Huncoat Business Park, Accrington
Lancashire BB5 6NT
Telephone: 01254 872555
Facsimile: 01254 871522
Order Fax Line: 01254 398295
Email: info@isothane.com
Website: www.isothane.com
Registration No: 2975728



Certificate No. FM 21549



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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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