



REUSABLE MOULDING RUBBER

Data Guide

MELTING VESSEL

This should be aluminium, stainless or tin. Copper or zinc are unsuitable. For small quantities a saucepan can be used, heated over an electric hot plate or gas ring.

MELTING PROCEDURE

1. Cut the reusable moulding rubber into small pieces and place a handful into the heated vessel.
2. Commence heating with a moderate heat and stir immediately, the rubber will begin to melt. Approximate melting time for 500gms is 30 minutes.
3. Do not increase the heat, continue to add small amounts of rubber until a sufficient quantity has been melted, continue stirring until the rubber is completely liquid and runs evenly and smooth from a spoon. If smoking starts reduce heat immediately.
4. It is advisable to use a thermometer in order to check the temperature. This should have a reading up to 200°C. The melting vessel should be removed from the heat when a temperature of 135°C has been reached. At this temperature the rubber should be completely liquid. Allow the rubber to stand for a few minutes until the air bubbles cease to rise. During this period, stir gently to assist cooling. When the temperature of the rubber has fallen to 120°C it is ready for pouring.

SIGNS OF OVERHEATING

A slight discolouration is not a problem, but the appearance of distinctive dark streaks indicate that decomposition is beginning. The rubber will feel stringy and sufficient warnings will be given by an excessive amount of fumes.

POURING THE MOULD

1. Pour the amount of rubber that is required, quickly and at an even stream in one pour.
2. Continuously pour, do not stop until article is covered
3. By not pouring directly on to the article, it allows the rubber to rise and drive all the air bubbles from the cracks and crevices for details.

RE-MELTING MOULDS

When the rubber mould becomes damaged or worn out, cut it up for re-use. Inspect the pieces for cleanliness, dirt is to be washed off with water - the water will not affect the rubber. The rubber can be melted many times before it loses its elasticity, however it is not advisable to mix up discoloured or burned rubber with new moulding rubber.

SUPPLIED

In the following size – 500gms – however any size available on request



SAFETY PRECAUTIONS: Do not use near fire or flames. Harmful or fatal if swallowed Use disposable gloves to avoid skin contamination. If resin comes into contact with skin, wash uncured resin off with soap and water. Wear safety glasses to avoid eye contamination. Mixed formulation contains Epoxy Resin and Amines. If swallowed do not induce vomiting. Give a glass of water. Contact a Doctor or the Poisons National Information Centre on 0800 764 766 (Urgent information only). Eye Contamination: Hold eyes open and flood with water for at least 15 minutes. See a Doctor immediately.

WARRANTY

Because the use of this product is beyond the control of the manufacturer, no liability or responsibility can be accepted for any loss or damage arising from its application or use. Liability for faulty material is limited to product replacement only.