

GLOBASIL TRANSPARENT SILICON RUBBER RTV-620

DESCRIPTION:

RTV-620 is a pourable, addition-curing, two-component transparent silicone rubber that vulcanizes at room temperature and features the following:

- Good flow
- ➣ Fast and non-shrink cure at room temperature which can be accelerated considerably by the application of heat
- Medium Shore A hardness (20)
- High tear strength
- Excellent long-term stability of the mechanical properties of the vulcanizate
- Outstanding resistance to common casting resins
- Good Transparency

APPLICATION:

Due to its outstanding resistance to casting resins as well as its superior mechanical properties, RTV-620 is perfectly suitable for all moulds of models with undercuts that are to be reproduced in casting resins, and a certain inherent rigidity of the moulds is required. RTV-620 is specially designed for applications that need good transparency in both moulding or casting. RTV-620 is also extremely suitable for casting all other common reproduction materials, particularly if absolutely accurate copies of models with undercuts are required.

SPECIFICATION

Base: 620

Viscosity (cps, 25°C): 85,000

Mixing Ratio by weight: 1:1

Curing Time (hr): 20 - 24 hours

Elongation (%): 410 Linear Shrinkage (%): 0.1 Colour : Clear Catalyst: 620 B

Working Time (min): 15-20

Tensile Strength (MPa): 4.2

Tear Strength (kN/m): 31

Hardness (Shore A): 20

RECOMMENDED STORAGE:

Typical storage life at temperature below 25°C is three months. Storage life decreases with increasing temperature. Avoid exposure to heat sources such as direct sunlight or steam pipes. Keep containers sealed to prevent moisture pick-up and monomer loss. Rotate stock to ensure use within three months.

SAFTETY

Read and understand the material safety data sheet before working with this product. Obtain a copy of the MSDS on this product prior to use. MSDS is available from Wee Tee Tong Chemicals Pte Ltd or your nearest sales representative.

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