MOLDING MATERIALS

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	Colour : Clear
Viscosity (cps, 25^{0}C) : 85,000	Catalyst : 620 B
Mixing Ratio by weight : 1 : 1	Working Time (min) : 15-20
Curing Time (hr) : 20 – 24 hours	Tensile Strength (MPa) : 4.2
Elongation (%) : 410	Tear Strength (kN /m) : 31
Linear Shrinkage (%) : 0.1	Hardness (Shore A) : 20

RECOMMENDED STORAGE:

Typical storage life at temperature below 25^{0}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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