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Hand Pour/Injection/
Sprayable Foams

HCFC/HFC/Pentane/
Water Blown Foams

Integral Skin Foams

Polyurethane Rigid Foam
Sheets

Polyurea & Polyurethane
Spray Elastomers

Polyurethane Panel
Adhesives

Tufflex Waterproofing

Disposable Foam
Products

Packaging Foams

Foam-in-Place/Foam-in-Bag
Dispensers

PACTHANE SMR30A SILICONE MOULDING RUBBER

DESCRIPTION

Pacthane SMR30A Silicone Moulding Rubber

SMR30A is a condensation cure mould making RTV2 silicone rubber with outstanding tensile and tear strength, elongation and release properties. It is highly durable in regards to polyester and rigid or flexible polyurethane casting materials. SMR30A is particularly suitable for moulding detailed parts or objects with undercuts. It demonstrates very good dimensional stability and low linear shrinkage.

By varying the catalyst ratio, this RTV2 rubber provides flexibility in pot life and cured

APPLICATIONS

For best results we recommend the use of a vacuum chamber to remove air bubbles in the mixed silicone. Allow the mix to completely expand then collapse. After a further 1 to 2 minutes under vacuum the silicone should be free of bubbles. Always use a large mixing vessel which will provide adequate volume for the mix to expand up to 5 times its volume during the vacuuming process.

PHYSICAL PROPERTIES

Tear resistance	Min 12kN/m, Typical 16kN/m
Mixing ratio	5% catalyst
Viscosity	40,000 cps mixed
Hardness	30 Shore A
Pot Life	60-90 mins
Demould time	24 Hours min
Application	Optimum @ 25 deg C
Specific Gravity	1.10 gm/cc
Tensile Strength at break	3.9 Mpa, 39 Kg/cm ²
Elongation at break	Up to 200%

HEALTH AND SAFETY

The product has no known toxic effects however care should be taken to avoid inhaling