

GP 4025

Silicone Elastomer for General Purpose Applications

PRODUCT DESCRIPTION

GP 4025 is a 40 durometer off-white peroxide cured silicone rubber for general purpose applications such as O-rings, Gaskets, Sheets, Pads etc.

KEY PRODUCT FEATURES

- Economical with good Mechanical properties
- Excellent Processability
- Excellent mold release
- Various Colours easily obtained
- Low linear shrinkage

STORAGE

GP 4025 material should be kept away from direct sunlight. It is recommended to store below 30C in original packing for achieving optimal results

PROCESSING

GP 4025 is suitable for molding / Extrusion applications.

Cure and processing conditions should be verified by the fabricator and will depend on the processing equipment used.

SAFETY INFORMATION

During the vulcanization of this product, small amounts of rubber base volatiles and peroxide decomposition products are released. Work areas must be well ventilated.

PACKAGING

This product is available in 20 kg boxes sheeted, preformed or bulked, wrapped in plastic film

Properties	Standard	value
Specific Gravity	ASTM D792	1.25
Hardness	ASTM D2240	40
Tear Strength	ASTM D624	20 N/mm
Tensile strength	ASTM D412	5.5 MPa
Elongation	ASTM D412	480 %
Linear Shrinkage		<3 %

Above properties obtained from a test Slab moulded at 160 C temperature

These figures are intended as a guide and should not be used in preparing specifications

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The data presented in this document are in accordance with our present knowledge, but do not absolve the user from carefully checking all supplies receipt. We reserve the right to alter product formulations within the scope of technical progress or new developments. The recommendations made in this document should be checked by trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used.