TYPICAL PRODUCT DATA

MATERIAL : Silicone Rubber - 70 Shore

APPEARANCE : Clear or Coloured as required

PROPERTIES	TEST METHOD	UNIT	SPEC
Hardness	DIN ISO 48-4	Shore A±5	70
Density	DIN EN ISO 1183-1 A	g/cm ±0.02	1.18 g/cm³
Tensile Strength	ISO 37 type 1	N/mm	11.0²
Elongation	ISO 37 type 1	%	380
Tear Strength	ASTM D 624 B	N/mm	26
Temperature Range	-	Celsius	-50˚ to +260˚
Rebound Resilience	ISO 4662	%	55
Compression Set	DIN ISO 815-1 type B method A	%	40

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

Test slab preparation:-Cured with 1.2% of: 2-4, dichlorobenzoyl peroxide for 10' @ 125°C – then post-cured for ± 4 hrs @ ± 200°C.

Application Details:

- General purpose grade for extrusion, moulding, gaskets, sheets, tubings, seals and profiles.
- Post Cured parts can be used for food contact applications.
- UV Resistant
- Temperature range may be increased to 300°C by use of additives.

Food Contact Regulations:

- Regulation (EC) No 1935/2004
  Provided appropriate processing, the product is suitable for the manufacture of food contact materials and articles according to this Regulation. Compliance with the requirements of Regulation (EC) No 1935/2004, especially the suitability of the material or article for the intended use, the observance of any given limitations, the effect on taste and smell of the food has to be ensured by the producer of the finished food contact material or article as it is placed on the market.
- Regulation (EU) No 10/2011
  Not applicable. Silicones are exempted from this Regulation.

NOTE: This information and our technical advice – whether verbal or in writing are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and use. It is the customers responsibility to return for inspection, any items deemed to be incorrect, within one month of receiving the goods. Intellectual property is owned by Silicone Extrusions (Pty) Ltd.

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