

ELASTOSIL[®] R 901/40 CN

40 SHORE A FLUOROSILICONE RUBBER

Product description

ELASTOSIL[®] R 901/40 CN is noted for its good mechanical properties and resistance to organic solvents and petroleum based fluid.

Application

ELASTOSIL[®] R 901/40 CN is designed for general purpose by press curing and extrusion application. ELASTOSIL[®] R 901/40 CN readily accepts fillers, additives and colors to modify its physical properties and appearance.

Storage:

The “Best use before end” date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries.

Product data

Typical general characteristics	Inspection Method	Value
Hardness Shore A	DIN 53505 - A	40
Density	DIN EN ISO 1183-1A	1.43cm ³
Tensile strength	DIN 53504 S1	10 N/mm ²
Elongation at break	DIN 53504 S1	375%
Tear strength	ASTM D 624 B	25N/mm
Compression set, 22hr@177°C	ASTM D 395	12%
Volume swell in reference Fuel B (70hr@23°C)	ASTM D 471	20%

Curing conditions: 15 min / 165 °C in press ; post curing for 4 hours@ 200°C

Curing agent: 1.2% of 45% past of 2,5-bis-(t-butylperoxy)-2,5-dimethyl-hexance in silicone rubber.

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