

Product Name

PLATSIL 71-11 A/B

RTV-2 Silicone Rubber For Sock-Moulding

Product Description

Pourable, addition-curing, two component silicone rubber that cures at room temperature.

- Excellent flow & high fluidity
- Very low Shore 10A Hardness
- Fast low-shrink cure with good pot life
- High tear strength & high elongation
- Can be peeled off like a banana skin for demoulding
- Good resistance to casting resins, plaster, gypsum and cement based products.

Typical Applications

Due to its outstanding elongation and low demoulding forces, 71-11 is ideal for glove moulding and skin moulding applications. 71-11 is perfectly suited to moulds with very large undercuts requiring greater elongation

Physical Properties

Product Data / Uncured

Components		A	B
Colour		Blue	Green

Product Data / Catalysed

Mixing Ratio	A : B	[parts by weight]	100 : 100
Colour			Blue
Viscosity @ 23°C		[cps]	6 000

Product Data / Cured – After 24 hours @ 23°C

Density at 23°C, in water	[g/cm ³]	1.12
Hardness, Shore A		10
Tensile Strength	[mPa]	281
Elongation at Break	[%]	751
Tear Strength	[pli]	117
Linear Shrinkage	[%]	<0.1

Handling Properties

Properties at 24°C and 50% RH

Mixing Ratio	A:B	[parts by weight]	100:100
Potlife		minutes	20
Demould		Hr	4
Cure Time		Hr	24

Storage

Platsil 71-11 has a shelf life of at least 12 months in the sealed container between 5°C and 30°C. If the material is kept beyond 12 months it is not necessarily unusable, but a test should be performed on the product to check suitability to the application.

Notes

Caution – Only Components A and B with the same batch number may be processed together.

Issue Date

20th October 2017

Revision Number

1

Disclaimer

The data presented in this leaflet are in accordance with the present state of our knowledge, and does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the product for a particular purpose.