Barnes **Technical Data Sheet**

Product Name

TRANSIL®
Fast Set Moulding System
RTV Silicone Rubber

Product Description

Transil is a two-component, addition curing, low viscosity silicone designed for taking very fast impressions. It is ideally suited to and is the product of choice for fast set moulds where a free-flowing product is required and when time factors are an issue. Transil is also the best choice for the casting of flexible silicone parts where true colours are required. The translucent properties make for great colour matching.

Typical Applications

Flexible Translucent or Colour Matched parts
Any Fast Turnover Moulding
Most Small Moulding Applications

Physical Properties

Typical Cured Properties

Colour:	Translucent
Specific Gravity	1.10
Hardness (Shore A):	20, after 60 minutes
Tensile Strength (N/mm²)	3.5
Elongation at Break %:	400
Tear Strength (N/mm):	4.5

Handling Properties

Typical Catalysed Properties. Mixed @ 23°C and 50% RH.

Mix Ratio A:B (by weight)	100:100
Mix Ratio A:B (by volume)	100:100
Mixed Consistency mPa s	2500
Potlife Life	6 minutes
Cure/Demould Time	20+ minutes

Issue Date

25th November 2021

Revision Number

2

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.