

Product Name**TRANSIL® 5A
TC-5110 Fast Set Moulding System****Product Description**

TRANSIL® 5A TC-5110 FAST is a two-component, addition (platinum) 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® 5A TC-5110 FAST exhibits great elasticity for a super soft cured material. TRANSIL® 5A TC-5110 FAST is also the best choice for the casting of flexible silicone parts where true colour matching is required and can be used with the Barnes range of Silicone Pigments. When used with SILTHIX it can be applied as a brush on system. TRANSIL® 5A TC-5110 FAST is widely used by Resin Artists to create their own custom silicone moulds.

Typical Applications

- Ideal for casting Silicone Moulds for Epoxy, Polyurethane & Plaster
- Vase, Candle & Homeware Moulding where elasticity is required
- Flexible Translucent or Colour Matched parts
- Any Fast Turnover Moulding
- DIY & Craft Silicone Moulds
- Movie Props & Special FX
- Medical Simulations & Prosthetics
- Brush-On Moulding Applications
- Silicone Mould Making Kits

Physical Properties**Typical Cured Properties**

Colour:	Visual	Colourless / Translucent
Hardness (Shore A)	ASTM D 2240-04e1	5 ±4
Density (g/cc)	ASTM D 792-00	1.102
Tensile Strength (psi)	ASTM D412-98a (2002)e1	600
Tensile Modulus (psi)	ASTM D412-98a (2002)e1	150
Elongation (%)	ASTM D412-98a (2002)e1	620
Tear Strength (pli)	ASTM D 624-00e1 Die B	135
Dielectric Constant, 1MHz	ASTM D150-87	3.191
Dissipation Factor, 1MHz	ASTM D150-87	0.0049

Handling Properties

Typical Catalysed Properties. Mixed @ 25°C and 50% RH.

Mix Ratio A:B (by weight)	100:100
Mix Ratio A:B (by volume)	100:100
Mixed Consistency (cps)	2500
Potlife Life	8-10 minutes
Gel Time	10-15 minutes
Cure/Demould Time	60-90 minutes

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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.