

Barnes

moulding & casting supplies

BARNES PRODUCTS P/L
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SOFT TRANS® SILICONE

SILICONE FOR TRANSLUCENT SKIN FX

RTV SILICONE RUBBER

PRODUCT DESCRIPTION

SOFT TRANSLUCENT SILICONE is a high strength, two component, tin catalysed, translucent RTV silicone rubber. It can be intrinsically pigmented which makes it ideal for the SFX industry. This silicone has a very low viscosity combined with a long pot life and accurate detail reproduction. When diluted with up to 30% silicone diluent, it will produce a floppy "skin like" feel.

TYPICAL PRODUCT USES

Skins for robotic and animatronic figures displayed in permanent or travelling expositions
SFX skins and props for the film industry
Theme park props and reproduction moulds
Very flexible general purpose moulds

TYPICAL CATALYSED PROPERTIES

Mixed @ 24°C and 50% RH.

Mix Ratio A:B (by weight):	100:10
Mixed Viscosity Cps:	25,000
Potlife/Geltime:	60 minutes
Cure/Demould Time:	16-24 hours

TYPICAL CURED PROPERTIES

Cured 7 days @ 24°C and 50% RH

Colour:	Translucent
Specific Gravity:	1.10
Hardness (Shore A):	12-14
Tensile Strength (psi):	450
Elongation at break (%):	500
Tear Resistance (ppi):	115
Linear Shrinkage (%):	7 days 0.5
Temperature Range:	-50°C to 150°C