



## Technical Data Sheet

### *Polycraft T-15 Clear RTV Addition Cure Silicone Rubber*

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#### Description

T-15 RTV Silicone Rubber is a two-component, high strength, flexible, moulding compound. Moulds made with T-15 is excellent for casting many materials including polyester, epoxy and polyurethane resins. T-15 is addition-cure, platinum-catalysed and offers advantages over tin-catalysed systems in certain applications, because on curing they don't shrink, they don't produce alcohol (which can inhibit urethane castings), and their cure can be heat accelerated.

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#### Advantages

- Low viscosity for excellent reproduction of details and easy degassing
- Easy mix ratios – can use with dispensing machines
- Cure at room temperature or accelerate with heat
- Easy release properties –save on release agents
- High tear strength – fewer prematurely torn moulds
- Good chemical resistance for longer mould life
- Low/zero shrinkage for better dimensional reproduction
- Shore A hardness of 15

#### PHYSICAL PROPERTIES

Mix Ratio	1A:1B
Hardness (Shore A)	15
Pour Time (min)	20
Total Cure Time (hours)	48
De-mould Time (at 25°C, hours)	4-5
Colour	Translucent White
Mix Viscosity (cP)	2,500
Specific Volume (nm)	2.82
Specific Gravity (at 25°C)	1.1
Tensile Strength psi (mPa)	265 (1.82)
% Elongation	640
Linear Shrinkage	Nil
Die B Tear Strength (kN/m)	9.63
Die T Tear Strength (kN/m)	2.98

#### Safety Information

Comprehensive instructions are given in the corresponding material safety data sheets.

*MB Fibreglass believes that the information above is an accurate description of the typical characteristics and/or uses of the product or products, but it is your responsibility to thoroughly test the product in its specific application to determine performance, efficacy and safety.*