



Technical Data Sheet

Polycraft T-20 Clear RTV Addition Cure Silicone Rubber

Description

Polycraft T-20 is a two component silicone elastomer that crosslink at room temperature by poly-addition reaction. The polymerisation can be accelerated by heat. The silicone components are delivered as two component low viscous liquids, which once mixed and cured, transforms into a translucent, elastic and resistant material. Polymerisation occurs without formation of heat.

Advantages

- Ideal choice for production of orthopaedic devices such as dampening elements.
- 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 20

PHYSICAL PROPERTIES

Mix Ratio	1A:1B
Hardness (Shore A)	20
Working Time (min)	3
De-mould Time (at 23°C, min)	35
Colour	Translucent
Mix Viscosity (mpas)	7000
Elongation at Break (%)	500
Tear Strength (kN/m)	15
Tensil Strength (kN/m ²)	4

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.