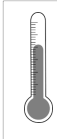




Technical Data Sheet
Art. No. (7350120118)

Polycraft Silicone Putty

Fast Setting Silicone Impression
Moulding Putty

A : B 100 : 100 (By weight)	2-3 Minutes (At 20°C)	10 Minutes (At 20°C)	Pale Violet (Colours may vary Slightly per batch)	Shore A43	 (20°C)	1.45kg by weight Equals approx. 1 Litre in Volume
Mix Ratio	Pot Life	Demould Time	Cured Colour	Hardness	Working Temperature	Approximate Density

Key Features

- **Fast Curing**
- **Easy Mixing**
- **Firm Hardness**
- **<0.1% Shrinkage**
- **High Detail Reproduction**
- **Odourless**

Technical Overview

Properties	Component	Value
Material	A	Base
	B	Curing Agent
Aspect	A+B Mix	Putty
Colour	A	White
	B	Violet
	A+B Mix	Pale Violet
Density 20°C g/cm ³	A+B Mix	1.45 ± 0.02
Pot Life 20°C (min)	A+B Mix	2 - 3
Curing Time 20°C (min.)	A+B Mix	6 - 8

Properties	Component	Value
Elongation	%	150
Tensile Strength	MPa	1.6 ± 0.03
Tear Strength	kn/m	7.0 ± 2.0
Shore Hardness	Shore D	70 ± 3

Measure / Mix

Before use, ensure that parts A & B are at room temperature (20°C). Surface and air temperatures should be above 15°C during application and for the entire curing period. At higher or lower temperatures pot-life and cure time can be affected.

Part A & Part B are mixed by hand using a ratio of 1A:1B by weight. (Example 100g A : 100g B) Mixing accuracy is important as imprecise ratios will affect the cure.

Ensure the object to be moulded is clean and dry before applying the putty and modelling as required. Demould time is typically 10 minutes, the putty can be left longer to ensure it has the opportunity to cure correctly.

Potlife / Working Time

Ensure that both components are well mixed until you have one uniform colour with no streaks. Vinyl, Vitriole or Nitrile Gloves are recommended, Latex gloves should be avoided in order to avoid cure inhibition. Ideally mix within 30 seconds to allow enough time to model the putty on your object to be moulded.

Please reference technical overview for further information

Product Overview

Polycraft Silicone Putty is ideal for small mouldings and will replicate excellent detail from the original object producing a strong semi-flexible reusable Mould. It has excellent self-releasing properties and will not require release agent for most applications. Ideal for a wide range of impression type moulding applications such as ornate plaster, polymer clay to figurines etc.

Key Information

Inhibition

Inhibition may occur when the putty comes in contact with amines, plastilines, metal salts, sulphides, tin catalyst, onion, garlic, latex etc. To avoid any inhibition problems, we recommend you run a test to ensure compatibility of the silicone and your object to be moulded.

Storage and Shelflife

Open each container individually and remove the appropriate amount of material before closing and opening the second. Ensure there is no cross contamination between each product as this is likely to cause a degree of curing of the products within the containers which will result in wasted material. Ensure lids are replaced tightly. We recommend using the materials within 3 months however the products will easily last up to 6 months if stored in the correct conditions (between 10°C to 27°C) well aired cupboard out of direct sunlight.

Usage

Polycraft silicone putty is not suitable for cosmetic, medical, pharmaceutical or food applications.

Safety Precautions

Safety First! Always read the SDS before use.