

RHODORSIL® PASTE 7

Description **RHODORSIL PASTE 7** is a polydimethylsiloxanic oil based silicone paste together with inert fillers.

This paste is particularly adapted to mould release applications in the rubber, plastics and timber industries, etc.

- Advantages**
- **Does not burn onto the moulds.**
 - **Reduces maintenance.**
 - **Reduces the part reject rate.**
 - **Improves the appearance on the moulded parts.**

- Examples of applications**
- Mould release agent in various industries, notably in the plastics processing industry.
 - Manufacture of low pressure laminates in phenolic resins or polyesters.
 - Lubrification of systems containing plastics.

Characteristics

1. Physical properties

Colour..... translucent to whitish

Note: *Slight variations in colour may occur but these do not affect the final properties of the product.*

Specific gravity at 25 °C..... 1.0

Penetration worked 60 strokes, 1/10^e mm..... < 350
(Standards NF T 6012 - ASTM D 217, DIN 51804)

Penetration unworked, 24 h-1/10^e mm, approx..... 260
(Standards NF T 6012 - ASTM D 217, DIN 51804)

Bleed after 24 h at 200 °C..... < 10 %

Evaporation after 24 h at 200 °C..... < 5%

2. Thermal properties

Maximum continuous operating temperature, °C..... + 200

Minimum continuous operating temperature, °C..... – 40

Note: *These thermal properties are not restrictive: shorter exposure times, when in peak operating conditions authorise use at higher temperatures.*

Thermal conductivity at 25 °C, W/mK..... 0.21

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Working procedure

It is recommended to apply **RHODORSIL PASTE 7** onto clean and dry surfaces (degreased if necessary).

RHODORSIL PASTE 7 is applied with a brush, with a paint brush, with a spatula or with a paste gun.

RHODORSIL PASTE 7 can be diluted in aliphatic or chlorinated solvents to facilitate its application when being applied in thin coats.

Packaging

- 100 g tubes on pallets of 1,600 units.
- 1 kg tubs on pallets of 192 units.
- 5 kg pails on pallets of 48 units.
- 25 kg pails on pallets of 10 units.
- 200 kg drums on pallets of 4 units.

Storage and shelf life

When stored in its original unopened packaging at a temperature between + 2 °C and + 50 °C, **RHODORSIL PASTE 7** must be used within 36 months of the manufacture date shown on the packaging. Once this expiry date is past, **Bluestar Siliconi Italia S.p.a.** no longer guarantees the conformity of the product with the sales specifications.

RHODORSIL PASTE 7 should be stored in a cool, dry place.

Safety

Consult the Safety Data Sheet for **RHODORSIL PASTE 7**.

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