

BLUESIL PASTE 7

Description	BLUESIL 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.
Examples of applications	<ul style="list-style-type: none"> • 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.
Key benefits	<ul style="list-style-type: none"> • Does not burn onto the moulds. • Reduces maintenance. • Reduces the part reject rate. • Improves the appearance on the moulded parts.

Typical properties

1. Physical properties

Colour *	Translucent to whitish
Specific gravity at 25 °C	1.0
Penetration worked 60 strokes, 1/10e mm (Standards NF T 6012 - ASTM D 217, DIN 51804)	< 350
Penetration unworked , 24 h-1/10e mm (Standards NF T 6012 - ASTM D 217, DIN 51804)	260
Bleed after 24 h at 200 °C	< 10 %
Evaporation after 24 h at 200 °C	< 5 %

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

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 , W/mK: 0.21

Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications.

Instruction of use	<p>It is recommended to apply BLUESIL PASTE 7 onto clean and dry surfaces (degreased if necessary).</p> <p>BLUESIL PASTE 7 is applied with a brush, with a paint brush, with a spatula or with a paste gun. BLUESIL PASTE 7 can be diluted in aliphatic or chlorinated solvents to facilitate its application when being applied in thin coats.</p>
Regulation	Please consult your local ELKEM SILICONES sales office.
Limitations	Please consult your local ELKEM SILICONES sales office.
Packaging	<ul style="list-style-type: none"> • BLUESIL PASTE 7 is available in <ul style="list-style-type: none"> ○ Piece of 1 KG (2.21 LB) ○ Pail of 25 KG (55.13 LB)
Storage and shelf life	<p>When stored in its original packaging:</p> <p>BLUESIL PASTE 7 may be stored at a temperature below 40°C / 104°F for up to 36 months from its date of manufacturing.</p>

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Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.

Safety	Please consult the Safety Data Sheet of: BLUESIL PASTE 7
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Visit our website www.elkem.com/silicones/

Warning to the users

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