

DESCRIPTION

This coating gives the moulded part surface a HIGH GLOSS effect and is a good alternative to mirror polishing. Not suitable for moulds with cores or geometries causing restricted shrinkage.

TECHNICAL DATA

TREATMENT TYPE

SPECIAL

COLOUR

PAINT COATING

MOULDED PART SURFACE APPEARANCE

DARK BLUE

GLOSS

HIGHLY GLOSSY

MAX OPERATING TEMPERATURE

> 80°

DEGRADATION THRESHOLD TEMPERATURE

> 300°C - > 572°F

RELEASE PROPERTIES

> 400°C - 752°F

ABRASION RESISTANCE

VERY LOW

CHEMICAL RESISTANCE

GOOD

NOTES

MODERATE

AS THE COATING HAS VERY LOW RELEASE PROPERTIES, A CONVENTIONAL RELEASE AGENT SHOULD BE APPLIED TO THE MOULD. THE COATING CAN BE POLISHED TO ACHIEVE EVEN HIGHER GLOSS.



GENERAL INSTRUCTIONS

Delivery time: an additional workweek should be added to the regular mould delivery time.

There will be a difference in the gloss and brightness levels achieved by cast aluminium and CNC moulds. Generally, less gloss is achieved by cast moulds. This factor has to be considered especially in case of hybrid moulds (combination of cast and CNC parts).

If the need arises to redo the release coating treatment only on some parts of the mould, it is important to take into account that moulded parts will show surface differences between the recoated parts and those left untouched.

On old moulds or moulds used in heavy production, we recommend redoing the texture on the entire mould and then reapplying the coating.

A release coating treatment will have an effect, even if minimal, on the assembly and alignment of the mould parts.