

DESCRIPTION

This release coating gives the moulded part surface a MATT effect. Suitable for moulds of large dimensions and simple geometry. Not suitable for moulds with undercuts.

TECHNICAL DATA

TREATMENT TYPE

RELEASE COATING

COLOUR

BLACK

MOULDED PART SURFACE APPEARANCE

MATT

GLOSS

15°

MAX CONTINUOUS OPERATING TEMPERATURE

260°C - 500°F

MAX INTERMITTENT TEMPERATURE

280°C - 536°F

DEGRADATION THRESHOLD TEMPERATURE

290°C - 554°F

ABRASION RESISTANCE

GOOD

CHEMICAL RESISTANCE

VERY GOOD

NOTES

UNDER SPECIFIC CONDITIONS WITH COMPLEX GEOMETRY, THE RELEASE PROPERTIES MAY BE INSUFFICIENT. IN THIS CASE, THE USE OF A CONVENTIONAL RELEASE AGENT APPLIED TO THE MOULD SURFACE WILL BE REQUIRED.



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.