



UA1401X FREOPAS-Gelcoat

Product description

Product technology	Solvent-free gel coat
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General product properties

Binder-Base	Polyurea/aspartic acid ester	
Colour	in accordance with RAL 840 HR other colours on request	
Gloss value	Mould and separating agent-dependent	
Viscosity	600 - 800 mPa*s	
Density	1,30 g/ml depending on shade	theoretical
Solid mass	99 %	theoretical
Resistance to storage	approx. 6 month in original packagings at an ambient temperature of 5 to 25 °C. Open packages are to be used within a short time. The minimum storage stability of each batch is stated on the product label. The material does not necessarily become unusable if stored for longer than this period. However, for quality assurance purposes, an inspection of these materials is essential to ensure that they are still suitable for the intended application.	

Application and processing

Tool/mould	Metal moulds	
Pretreatment	Treat moulds with suitable separating agents.	
Mixin ratio	100 kg UA1401 : 60 kg HD0260 Volume parts 100 : 67	
Recommended coating thickness	300 µm	
Processing conditions	A mould temperature of 40 °C must be maintained during processing.	
Processing time	max. 30 -50 sec. / 20 °C	
Hot spray process	in delivery viscosity temperature 70 °C	
Material usage	without application loss 375 g/m² layer thickness 300 µm	theoretical
Cleaning of equipment	Immediately with organic solvents, hardened residues can only be removed mechanically.	



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Chemical resistance

Influencing factors

The chemical resistance depends on the concentration, temperature, exposure time and test method. This has to be checked depending on the application.

Comments

Work-and Healthprotection

The standard personal safety precautions must be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning Health and Safety at Work and environmental protection can be found in the corresponding safety data sheet.

Test conditions

All information is based on a standard climate 23/50 DIN EN 23270. All information is based on our product knowledge and experience. We have no direct influence on the application itself. Please do not hesitate to contact us for further information.

The information provided here contains reference values and does not constitute a specification.