



UR1455G_HU0939 EFDEDUR-In-Mould-Coat

Product description

Product technology	solvent-borne 2C-PUR coating
Application area	e.g. in the vehicle construction sector
Property	Self-separating setting for metal molds
Resistance to light and weather	very good
Chemical resistance	Good, against weak acids and bases, as well as alcohols, colourants and oxidising agents.

General product properties

Binder-Base	Acrylic Resin	
Colour	in accordance with RAL 840 HR other colours on request	
Gloss value	Mould and separating agent-dependent	
Viscosity	Flow time 30 - 50 sec., 4 mm flow cup	DIN 53211
Density	1,07 +/- 0,15 g/ml after addition of hardener	theoretical
Solid mass	43 +/- 2 % after addition of hardener	theoretical
Solid content in volume	310 +/- 20 ml/kg after addition of hardener	theoretical
Resistance to storage	approx. 24 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 molds
Pretreatment	Pre-treat all moulds before their initial use and every time after they are cleaned.
Note before use	Prior to use, stir slowly and well without letting air in or mix components homogeneously.
Mixin ratio	Coating : Hardener : EFD-Release Agent 300024 Parts by weight 100 : 33 : 20
Thinning	EFD dilution 300024
Processing conditions	A mould temperature of > 60 °C must be maintained during processing.
Processing time	Max. 60 min. / 20 °C The processing time can decrease at higher temperatures/humidities and/or under pressure.



UR1455G_HU0939
EFDEDUR-In-Mould-Coat

High pressure spraying	as delivered viscosity nozzle 1,4 mm spray pressure 3 - 4 bar	
Material usage	without application loss 160 - 170 g/m² layer thickness 50 µm after addition of hardener	theoretical
Dust drying	after 5 minutes (degree of dryness 1)	DIN EN ISO 9117-5
Full drying	after 9 day/s (pendulum damping)	DIN EN ISO 1522
Cleaning of equipment	with EFD dilution 400500 within the processing time.	

Comments

Alternative hardener	for better flexibility	HU0939
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 an 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.	