

VARENA AQUADIP ED 310 MP-65

cathodic electro deposition coating



External cross-linking acrylate binder for application in cathodic electro dipping coating, 65 % in methoxypropanol (65 MP), non-neutralized.

PRODUCT SPECIFICATIONS:

External cross-linking acrylate binder for application in cathodic electro dipping coating.

Property	Range	Unit	TM
Colour	1,7 – 2,1	-	Gardner
Viscosity / 25 °C, Brookfield, SP, 4 20 mp.	40 - 60	Pa.s	DIN EN ISO 2555
Solid content (1 hr 125 °C)	63 - 67	%	DIN EN ISO 3251
OH-content, solid	approx. 4,5	%	DIN 53240/2
Flash point	approx. 34	°C	DIN EN 22719
Density, 20 °C	1,04	g/cm ³	DIN EN ISO 2811

TYPICAL RESULTS:

Property	Range	Unit
Application voltage	30 - 50	volts
Film thickness (25 °C)	12 - 15	microns
Cure temperature	130 - 140	°C [peak metal]
Cure time	20 - 30	minutes
Pencil hardness	4H	-
Aceton resistance	400	DR
25% formic acid resistance [test carried out at 20 °C]	minimum 45	minutes

APPLICATIONS / PROPERTIES:

External crosslinking modified acrylic polymer specially formulated for cathodic electrocoats. Recommended for coating brass and plated hardware where perspiration / chemical resistance is important. Excellent resistance properties can be achieved at cure temperatures of 130 - 140 °C.

Low temperature cure 130 - 140 °C

Easy to control

Non hazardous

Hard deposits 4H or more depending upon the cure used

Enhanced wear resistance

Excellent adhesion on all substrates

Excellent throwing power

High level of gloss without the use of high solvent concentrations

VARENA AQUADIP ED 310 MP-65 can be crosslinked with suitable blocked isocyanates* and/or substituted triazines to produce UV stable chemically resistance coatings.

STORAGE AND SHELF LIFE:

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 6 month.



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for more information:
www.varena-chem.com info@varena-chem.com