

Product Data Sheet

RESICOAT R4-ES HJF26R

EP-Powder for Valves and Fittings Electrostatic Spray Application

POWDER PROPERTIES

Binder System
Density (ISO 8130-2)

Gel time at 200° C (ISO 8130-6)

Storage stability MSDS Epoxy resin

 $1.4 - 1.6 \text{ g/cm}^3$

30 - 50 sec.

4 months from delivery date at $\leq 23^{\circ}$ C

PC508

APPLICATION DATA

Preheating temperature
Post cure conditions

Particle size distribution (ISO 8130-1)

200 – 220° C object temperature self curing on 8 mm steel at above temp.

< 32 µm = 35 – 50 %

< 125 µm > 95 %

MATERIAL PROPERTIES

Colour

Recommended film thickness

Flow

Gloss at 60° angle (DIN 67530)

Cross cut test (DIN EN ISO 2409)

Impact resistance (DIN 30677-2)

Dielectric strength (DIN 30677-2)

Elongation (DIN 30677-2)

Hardness (DIN EN ISO 2815)

Cathodic disbonding test (DIN 30677-2)

Hot water immersion test 90° C, 4 weeks

Adhesion test after 7 days 90° C water (according DIN EN ISO 4624, GSK)

blue, approx. RAL 5005 GL

 $250 - 350 \mu m$

smooth

70 - 90 units

Gt 0

> 5 Joule

 \geq 30 kV/mm

> 5%

> 90

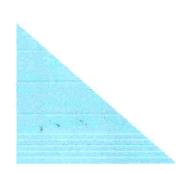
< 10 mm

no visible change

16 MPa







DRINKING WATER APPROVALS

Leitlinien zur hygienischen Beurteilung von Epoxidharzbeschichtungen im Kontakt mit Trinkwasser C-138801-06-Ko/St, Arbeitsblatt W270 W-148264e-07-SI, UBA-D

DGS/VS 4 No99/217, AFNOR XP P41-250-1-3, No. de dossier: 07 MAT LY 009, LSEHL-F

Guideline BRL-K759, K 11557, KIWA-NL

BS 6920, Approval No. 0202505, WRAS-UK

Czech Notice 37/2001, zn: 49 B/2003, Brno Health Institute-CZ

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