



Epoxy Compound

DENACOL EX-1610

Product feature

- Multi-Functional Aliphatic type
- High water solubility
- High reactivity

Application

- Crosslinker
for paint and adhesion

General Properties

Epoxy equivalent (g/eq.)	Viscosity (mPa·s)	Total chlorine content (%)	Color value (Gardner)	Water solubility (%)
170	2,200	0.5	1	100

Cross-link reaction with resins

Product	Water-based Acrylic-resin		Acrylic-resin emulsion		
	Surface hardness	Adhesion	Surface hardness	Adhesion	Water resistance
EX-1610	H	10	H	10	○
EX-313	H	8	H	10	○
EX-614B	HB	10	H	10	○

【Condition】

Preparation : Acid value/Epoxy value=1.0/1.0(eq. ratio)、Crosslinking condition : 120℃/2h、Substrate : steel plate、Thickness : 10μm

【Evaluation】

Surface hardness : pencil hardness test (JIS K 5400) Adhesion : cross-cut adhesion test (JIS K 5400) Water resistance : (JIS K 5400)

Each property and data introduced in this catalog, it is a representative value, NOT a guaranteed value. Also, please note that the specifications of the products are subject to change without notice. Please read the Safety Data Sheet(SDS) before use.

DENACOL



Website

More
Information

Sales

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Manufacture

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