



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°C/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.

More
Information

Nagase ChemteX Corporation

Functional Chemicals Department
236, Tatsunocho-nakai Tatsuno Hyogo
679-4124 JAPAN
TEL:+81-791-63-4528 FAX:+81-791-63-4564
E-mail: denacol.info@ncx.nagase.co.jp



Nagase ChemteX