

# DENACOL®

High purity and Low Chlorine type Epoxy

扫码联系

产品经理:



## Feature of DENACOL®

### Epoxy of Low Chlorine content (Min. 100ppm)

DENACOL® are Epoxy compound with characteristics such as low chlorine, and high purity. These Epoxy are expected to find applications as epoxy-based reactive dilution agents in electronics materials, coatings, etc. where deterioration of quality due to chlorine may become a problem.



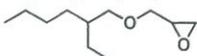
### Wide variety of Epoxy

We offer a wide variety of products from Aliphatic Epoxy to Aromatic Epoxy.

## DENACOL® Aliphatic Type

Because of their low chlorine content and low viscosity, DENACOL® Aliphatic Type are expected to find applications as epoxy-based reactive dilution agents in electronics materials, coatings, etc. where deterioration of quality due to chlorine may become a problem.

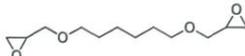
### Mono Functional Epoxy

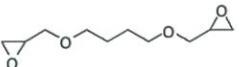
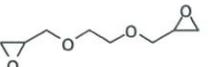
Grade	Model structure	WPE (g/eq)	Total Cl (%)	Viscosity (mPa · s)	Stage
EX-121	2-Ethylhexyl Glycidyl Ether 	187	0.01	4	C

※ Stage information: Commercial=C / Pilot=P / Lab.=L

(※) About each introduced physical properties and data, it is a representation value.

### Bi Functional Epoxy

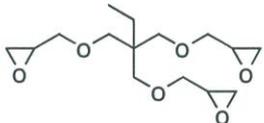
Grade	Model structure	WPE (g/eq)	Total Cl (%)	Viscosity (mPa · s)	Stage
EX-212L	1,6-Hexanediol Diglycidyl Ether 	135	0.4	15	P

EX-214L	1,4-Butanediol Diglycidyl Ether 	115	0.3	15	C
EX-810P	Ethylene Glycol Diglycidyl Ether 	95	0.01	10	P
EX-991L	Polyether Glycol Diglycidyl Ether	450	0.05	180	C

※ Stage information: Commercial=C / Pilot=P / Lab.=L

(※) About each introduced physical properties and data, it is a representation value.

## Multi Functional Epoxy

Grade	Model structure	WPE (g/eq)	Total Cl (%)	Viscosity (mPa · s)	Stage
EX-321L	Trimethylolpropane Polyglycidyl Ether 	130	0.3	300	C

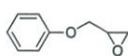
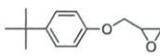
※ Stage information: Commercial=C / Pilot=P / Lab.=L

(※) About each introduced physical properties and data, it is a representation value.

## DENACOL® Aromatic Type

We offer a wide variety of Aromatic Type Epoxy from mono functional to Multi Functional.

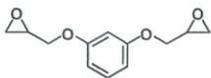
### Mono Functional Epoxy

Grade	Model structure	WPE (g/eq)	Total Cl (%)	Viscosity (mPa · s)	Stage
EX-141	Phenyl Glycidyl Ether 	151	0.02	8	C
EX-146P	p-tert-Butylphenyl Glycidyl Ether 	210	0.01	17	C

※ Stage information: Commercial=C / Pilot=P / Lab.=L

(※) About each introduced physical properties and data, it is a representation value.

## Bi Functional Epoxy

Grade	Model structure	WPE (g/eq)	Total Cl (%)	Viscosity (mPa · s)	Stage
EX-201-IM	Resorcinol diglycidyl ether 	120	0.06	400	C

※ Stage information: Commercial=C / Pilot=P / Lab.=L

(※) About each introduced physical properties and data, it is a representation value.

### Handling and Storage / Other information

Follow the handling precautions and recommendations stated in the Safety Data Sheet (SDS)

Storage in tightly sealed original containers under cool and dry conditions inside a warehouse is recommended.

All persons who use, handle, transport or store these materials need to avoid exposure to them. Adverse health effects from skin irritation to more serious effects can result from the improper use of these materials. Use protective gloves, eye protection shields or safety glasses, and skin creams or lotion. Avoid direct prolonged exposure.

### Inquiries

#190821R05E



Functional Chemicals Department  
5-1, Nihonbashi-Kobunacho, Chuo-ku, Tokyo 103-8355, Japan  
TEL : +81-3-3660-5901 FAX : +81-3-3665-3451  
<http://www.nagasechemtex.co.jp/>