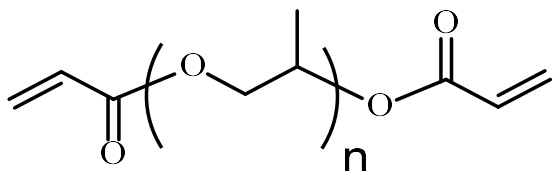


ARONIX[®] M-220(TPGDA)

Tripropylene glycol diacrylate

Chemical structure



Tripropylene glycol diacrylate
($n = 3$)

Description

Molecular Weight: 300 (Main component)

Functionality: 2

Appearance: Liquid

Product data

Color (APHA)	< 250
Viscosity (mPa·s/25°C)	8~16
Residual (%)	<0.1
Acid value (mgKOH/g)	< 1.0
Relative density (/°C)	1.030/25
Surface tension (mN/m)	35.6
Reflective index (nD25)	1.455

Properties of cured film

Tensile strength (kg/cm ²)	24
Elongation (%)	0~5
Tg (°C)	90
Relative density (/°C)	1.176/25
Cure shrinkage (%)	12.39
Shore hardness	D84

Features

- Low skin irritation
- Low viscosity
- Low surface tension

Application

- Coating
- Ink

Registration

Japan (METI)	Listed
USA (TSCA)	Listed
EU (REACH)	Not supported
China (IECSC)	Listed
Korea (ECL)	Listed
K-REACH	Not supported
Taiwan	Listed

Safety data

P.I.I.	1.4
Flash point (°C)	157 Open – cup
Inhibitor as MEHQ (ppm)	370

Package

17kg C/N
200kg D/M

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