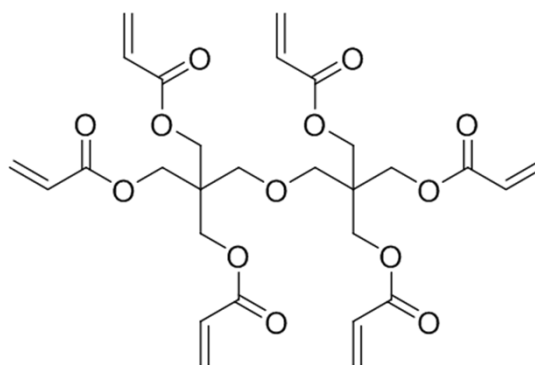


High purity DPHA

ARONIX[®] MT-3549

Features

- ① High hardness • Low Viscosity
- ② Good hydrolysis resistance
- ③ Good metal corrosion resistance
- ④ Toluene free, TSCA Listed



Features①

	MT-3549	Conventional DPHA
Viscosity (mPa·s, 25°C)	3,000	7,000

Features②

#Stability / Acrylic acid concentration(ppm)

	MT-3549	Conventional DPHA
Before	5	109
After	8	2,540

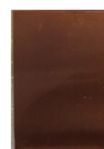
*Monomer was kept at 70°C for 14 days.

Features③

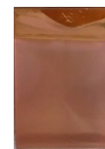
#Metal corrosivity / Metal concentration(ppb)

	MT-3549	Conventional DPHA
Aluminum	<30	34
Iron	<30	220
Copper	44	49,000

*Metal sample immersed in monomer and stored at 70 °C for 14 days.



MT-3549



Conventional DPHA

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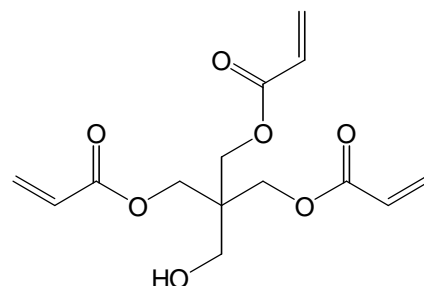


High OH value PETA

ARONIX[®] MT-3548

Features

- ① OH value of MT-3548(PETA) is more than twice that of conventional monomer(M-305).
- ② MT-3548 is suitable as a raw material for urethane acrylates, photoresists and hydrophilic coatings.
- ③ Toluene free, TSCA Listed



		MT-3548	Conventional PETA (M-305)
Properties	Appearance	Pale yellow liquid	Pale yellow liquid
	Color	APHA	< 100
	Viscosity	mPa · s (25°C)	400~1200
	OH Value	mgKOH/g	250~300 (Reference value)
	Acid Value	mgKOH/g	< 1.00
	Compatibility of water	Monomer:100wt.	< 17wt.
Coating film properties	Pencil Hardness	H	2H
	Contact angle / Water	degree	54

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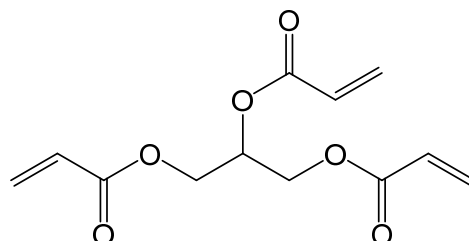


Glycerin Triacrylate

ARONIX[®] MT-3547

Features

- ① Glycerin Triacrylate (MT-3547) satisfies both low viscosity and high hardness.
- ② MT-3547 is suitable as a diluent for hard coats made of urethane acrylate, and adhesive agent.
- ③ Toluene free, TSCA Listed



		Glycerin Triacrylate (MT-3547)	TMPTA (M-309)	3EO-TMPTA (M-350)
Viscosity(25°C)	mPa · s	20~40	60~110	45~65
Curability	Tack-free pass	1	2	2
Pencil Hardness	750gf	3H	2H	H
Scratch Resistance	Steel Wool: #0000, 500gf × 100cycles	OK	OK	NG
Adhesion	PC	100/100	100/100	100/100
	PMMA	100/100	90/100	0/100
	TAC	100/100	0/100	0/100
Volume Shrinkage	%	14.8	12.5	11.0

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