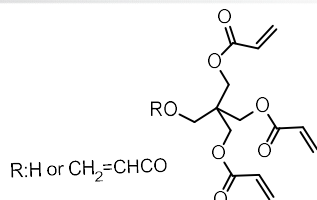


ARONIX[®] M-306(PETA)

Pentaerythritol tri/tetra acrylate

Chemical structure



Pentaerythritol tri/tetra acrylate
(tri acrylate content = 65~70%)

Product data

Color (APHA)	<150
Viscosity (mPa·s/25°C)	400~650
Residual (%)	<0.1
Acid value (mgKOH/g)	<2.0
Relative density (/°C)	1.184/25
Surface tension (mN/m)	-
Reflective index (n _D 25)	1.490

Features

- Monomer of containing-OH group
- Fast cure
- Good adhesion(plastics)

Application

- Raw material for urethane acrylate
- Hard coating
- Ink
- Adhesive

Safety data

P.I.I.	-
Flash point (°C)	190°C(Polymerized) Open – cup
Inhibitor as MEHQ (ppm)	1000

Description

Molecular Weight: 298 (Main component)

Functionality: 3 or more

Appearance: Waxy solid or liquid

Properties of cured film

Tensile strength (kg/cm ²)	-
Elongation (%)	-
Tg (°C)	250以上
Relative density (/°C)	1.367/25
Cure shrinkage (%)	13.4
Shore hardness	D93

Registration

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

Package

18kg C/N
200kg D/M

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