# Monomers and cross-linkers

MST UV polymerizations 06-2015

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| **Name** | **Type** | **Structure** |
| 2-Acrylamido-2-methyl-1-propanesulfonic acid | Negative monomer | 2-Acrylamido-2-methyl-1-propanesulfonic acid 99% |
| 2-Carboxyethyl acrylate | (weakly) negative Monomer | 2-Carboxyethyl acrylate contains 900-1100 ppm MEHQ as inhibitor |
| Di(ethylene glycol) ethyl ether acrylate | Monomer | Di(ethylene glycol) ethyl ether acrylate technical grade, ≥90%, contains 1000 ppm monomethyl ether hydroquinone as inhibitor |
| (3-Acrylamidopropyl)trimethylammonium chloride | Positive monomer | (3-Acrylamidopropyl)trimethylammonium chloride solution 75 wt. % in H2O |
| 2-(Diethylamino)ethyl methacrylate | (weakly) positive monomer | 2-(Diethylamino)ethyl methacrylate contains 1500 ppm MEHQ as inhibitor, 99% |
| 2-(Acryloyloxy)ethyl]trimethylammonium chloride | Positive monomer | [2-(Acryloyloxy)ethyl]trimethylammonium chloride solution 80 wt. % in H2O, contains 600 ppm monomethyl ether hydroquinone as inhibitor |
| [2-(Methacryloyloxy)ethyl]dimethyl-(3-sulfopropyl)ammonium hydroxide | Zwitterionic monomer | [2-(Methacryloyloxy)ethyl]dimethyl-(3-sulfopropyl)ammonium hydroxide 97% |
| N,N′-Methylenebis(acrylamide) | Crosslinker | N,N′-Methylenebis(acrylamide) 99% |
| 3-(Acryloyloxy)-2-hydroxypropyl methacrylate | Crosslinker | 3-(Acryloyloxy)-2-hydroxypropyl methacrylate |
| Glycerol 1,3-diglycerolate diacrylate | Crosslinker | Glycerol 1,3-diglycerolate diacrylate technical grade |
| Glycerol propoxylate (1PO/OH) triacrylate | Crosslinker (trifunctional) | Glycerol propoxylate (1PO/OH) triacrylate contains 300 ppm MEHQ as inhibitor |
| Tris[2-(acryloyloxy)ethyl] isocyanurate | Crosslinker (trifunctional) | Tris[2-(acryloyloxy)ethyl] isocyanurate |
| Trimethylolpropane triacrylate | Crosslinker (trifunctional) | Trimethylolpropane triacrylate contains 600 ppm monomethyl ether hydroquinone as inhibitor, technical grade |