

## MONOFUNCTIONAL MONOMERS

Etermer	Chemical Description	Characteristics
<b>EM210</b>	2-Phenoxy Ethyl Acrylate, PHEA	. Low viscosity. Good solvency. High reactivity
<b>EM2103</b>	Ethoxylated Phenoxy Acrylate, PH3EOA	. Low viscosity. Good solvency. High reactivity. Low skin irritation
<b>EM2104</b>	3,3,5-Trimethyl Cyclohexane Acrylate, TMCHA	. Low shrinkage. Low surface sension. Good adhesion. High Tg
<b>EM2105</b>	Ortho-Phenyl Phenoxy Ethyl Acrylate, OPPEA	. High refractive index. High gloss. Low volume shrinkage
<b>EM2107</b>	Cumyl Phenoxy Ethyl Acrylate CPEA	. High hardness. High refractive Index. Good abrasion resistance. Low volume shrinkage
<b>EM211</b>	2-(2-Ethoxyethoxy) Ethyl Acrylate, EOEOEA	. Good adhesion. Low shrinkage. Good flexibility. Excellent water resistance
<b>EM212</b>	Cyclic Trimethylol-propane Formal Acrylate, CTFA	. Low odor. High hardness. Excellent chemical resistance
<b>EM215</b>	Lauryl Acrylate, LA	. Low shrinkage. Good weatherability. Good flexibility. Good water resistance
<b>EM218</b>	Stearyl Acrylate, SA	. Low skin irritation. Good water resistance. Good flexibility. Low shrinkage
<b>EM219</b>	Isodecyl Acrylate, ISODA	. Good adhesion. Low shrinkage. Good flexibility. Excellent water resistance
<b>EM2191</b>	C8-C10 Acrylate, ODA	. Low viscosity. Low shrinkage. Good flexibility. Good impact strength. Good abrasion and water resistance
<b>EM3102</b>	Methoxy Polyethylene Glycol (1000) Methacrylate, MPEG1000MA	. Miscible with water in any ratio
<b>EM3103</b>	Methoxy Polyethylene Glycol (2000) Methacrylate, MPEG2000MA	. Miscible with water in any ratio
<b>EM315</b>	Lauryl Methacrylate, LMA	. Weatherability. Good flexibility. Good water resistance
<b>EM315-LM</b>	Lauryl Methacrylate, LMA	. Low shrinkage. Weatherability . Good flexibility. Good water resistance
<b>EM35</b>	Stearyl Methacrylate, SMA	. Long aliphatic Hydrocarbon. Good flexibility . Low shrinkage. Good water resistance
<b>EM70</b>	Isobornyl Acrylate, IBOA	. Low shrinkage. Excellent solvency. Excellent abrasion resistance
<b>EM75</b>	Benzyl Acrylate, BA	. Low viscosity. Good solvency. High reactivity
<b>EM90</b>	Isobornyl Methacrylate, IBOMA	. Low volume shrinkage in polymerization. Excellent solvency. Excellent abrasion resistance

## DIFUNCTIONAL MONOMERS

Etermer	Chemical Description	Characteristics
<b>EM2202</b>	Hydroxypivalyl Hydroxypivalate Diacrylate, HPHPDA	. Low toxicity. Excellent viscosity reducer. Improved water resistance. Good flexibility. Excellent improvement for adhesion on metals
<b>EM2204</b>	Tricyclodecane Dimethanol Diacrylate, DCPDA	. Excellent yellow resistance. Excellent low shrinkage and curing speed. Good heat and chemical resistance. Good hardness . High Tg
<b>EM2205</b>	Dioxane Glycol Diacrylate, DOGDA	. Fast cure rate. Good heat and chemical resistance. Improved adhesion on non-porous substrates.. Low volume shrinkage (after curing)
<b>EM221</b>	1,6-Hexanediol Diacrylate, HDDA	. Low volatility and viscosity. Good solvency for acrylate oligomers. High reactivity
<b>EM2211</b>	Ethoxylated 1,6-Hexanediol Diacrylate, HD2EODA	. Low skin irritation. Low volatility and viscosity. High reactivity
<b>EM222</b>	Dipropylene Glycol Diacrylate, DPGDA	. Low volatility and viscosity. Excellent solvency. Fast cure rate
<b>EM223</b>	Tripropylene Glycol Diacrylate, TPGDA	. Low volatility and viscosity. High reactivity. Good flexibility
<b>EM224</b>	Polyethylene Glycol (200) Diacrylate, PEG(200)DA	. Low volatility and medium viscosity. Good flexibility and elongation. Good water dispersible property. Low skin irritation
<b>EM2241</b>	1,4-Butanediol Diacrylate, 1,4-BDDA	. Low volatility and viscosity. Good solvency. High reactivity. Good hydrophobic character
<b>EM225</b>	Neopentyl Glycol Diacrylate, NPGDA	. High reactivity and excellent solvency. Good solvent resistance. Good scratch resistance
<b>EM2251</b>	Propoxylated Neopentyl Glycol Diacrylate, NPG2PODA	. Low skin irritation. Low viscosity. Low volume shrinkage in polymerization
<b>EM226</b>	Polyethylene Glycol (400) Diacrylate, PEG(400)DA	. Low volatility and viscosity. Good flexibility and elongation. Water soluble
<b>EM2261</b>	Ethoxylated Bisphenol-A Diacrylate, BPA4EODA	. Low odor. Low skin irritation. Low volume shrinkage in polymerization. High reactivity
<b>EM2263</b>	Ethoxylated Bisphenol-A Diacrylate, BPA3EODA	. Low odor. Low skin irritation. Low volume shrinkage in polymerization. High reactivity

Etermer	Chemical Description	Characteristics
EM2265	Ethoxylated Bisphenol-A Diacrylate, BPA10EODA	. Excellent balance of hydrophobic/hydrophilic properties. Low odor. Good flexibility
EM227	Polyethylene Glycol (600) Diacrylate, PEG(600)DA	. Low volatility and viscosity. Good flexibility and elongation. Water soluble
EM2280	2-Methyl-1,3-Propanediol Diacrylate,MPDDA	. Excellent solvency. Low odor. High reactivity
EM2288	Ethoxylated 2-Methyl-1, 3-Propanediol Diacrylate, MPD2EODA	. Low skin irritation. Low odor. Good flexibility
EM229	2-Butyl-2-Ethyl-1,3-Propanediol Diacrylate, BEPDDA	. Low shrinkage. Excellent water resistance. High solubility in hydrocarbons
EM320	Ethylene Glycol Dimethacrylate, EGDMA	. Good heat and chemical resistance. Good hardness. Good abrasion resistance
EM324	Polyethylene Glycol (200) Dimethacrylate, PEG(200)DMA	. Good heat and chemical resistance. Low skin irritation. Good abrasion resistance
EM326	Polyethylene Glycol (400) Dimethacrylate, PEG(400)DMA	. Good heat and chemical resistance. Low skin irritation. Good flexibility
EM3260	Ethoxylated Bisphenol-A Dimethacrylate, BPA2EODMA	. High reactivity. Low volatility. Good chemical resistance. Good water resistance
EM3261	Ethoxylated Bisphenol-A Dimethacrylate, BPA4EODMA	. Low skin irritation. Low odor and volatility. High reactivity. Good heat resistance
EM3265	Ethoxylated Bisphenol-A Dimethacrylate, BPA10EODMA	. High reactivity. Good heat resistance. Low volatility
EM327	Polyethylene Glycol (600) Dimethacrylate, PEG(600)DMA	. Water soluble. Good flexibility. Low skin shrinkage
EM328	Triethylene Glycol Dimethacrylate, 3EGDMA	. Good heat and chemical resistance. Low skin irritation. Good abrasion resistance
EM329	Diethylene Glycol Dimethacrylate, DEGDMA	. Low skin irritation. Good abrasion and water resistance. Good hardness and impact strength. Excellent dilute efficiency
EM39	2-Hydroxyethyl methacrylate phosphate, HEMAP	. Excellent improvement for adhesion on metals

## TRIFUNCTIONAL MONOMERS

Etermer	Chemical Description	Characteristics
<b>EM2305</b>	Trifunctional Acid Ester	. Low viscosity. Excellent improvement for adhesion on metal. Good chemical resistance
<b>EM2308</b>	Tris(2-Hydroxy Ethyl) Isocyanurate Triacrylate, THEICTA	. Low shrinkage. Excellent water and chemical resistance. Excellent hardness resistances. Excellent abrasion resistances
<b>EM231</b>	Trimethylolpropane Triacrylate, TMPTA	. High reactivity and crosslink density. Provides high gloss and hard products. Good abrasion resistance
<b>EM235</b>	Pentaerythritol Triacrylate, PET3A	. Fast cure response. High crosslink density. Excellent hardness. Excellent solvent resistance
<b>EM2380</b>	Ethoxylated Trimethylolpropane Triacrylate, TMP3EOTA	. Low skin irritation. Fast cure response and solvency. Good flexibility
<b>EM2381</b>	Propoxylated Trimethylolpropane Triacrylate, TMP3POTA	. Low skin irritation. Fast cure response and solvency. Good flexibility
<b>EM2382</b>	Ethoxylated Trimethylolpropane Triacrylate, TMP9EOTA	. Low skin irritation. Fast cure response and solvency. Good flexibility
<b>EM2383</b>	Propoxylated Trimethylolpropane Triacrylate, TMP4.5POTA	. Low skin irritation. Fast cure response and solvency. Good adhesion and flexibility
<b>EM2384</b>	Propoxylated Glyceryl Triacrylate, G3POTA	. Low skin irritation. Good hardness and flexibility. Low shrinkage
<b>EM2385</b>	Propoxylated Glyceryl Triacrylate, G6.6POTA	. Low skin irritation. High crosslink density. Good flexibility
<b>EM2386</b>	Ethoxylated Trimethylolpropane Triacrylate, TMP15EOTA	. Good hardness and flexibility. Low skin irritation. Soluble in water
<b>EM2387</b>	Propoxylated Glyceryl Triacrylate, G3.5POTA	. Low skin irritation. Good hardness and flexibility. Low shrinkage
<b>EM331</b>	Trimethylolpropane Trimethacrylate, TMPTMA	. High crosslink density. Good heat and solvent resistance. Good hardness and scratch resistance
<b>EM331-HQ</b>	Trimethylolpropane Trimethacrylate, TMPTMA	. High crosslink density. Good heat and solvent resistance. Good hardness and scratch resistance
<b>EM3380</b>	Ethoxylated Trimethylolpropane Trimethacrylate, TMP3EOTMA	. Low skin irritation. High crosslink density. Good flexibility. Low volatility

## MULTI-FUNCTIONAL MONOMERS

Etermer	Chemical Description	Characteristics
<b>EM241</b>	Pentaerythritol Tetraacrylate, PET4A	. High reactivity. Low skin irritation. High crosslink density
<b>EM2411</b>	Ethoxylated Pentaerythritol Tetraacrylate, PET5EO4A	. High reactivity. High crosslink density. Low skin irritation
<b>EM242</b>	Ditrimethylolpropane Tetraacrylate, DiTMP4A	. Fast cure response. High crosslink density
<b>EM2421</b>	Propoxylated Pentaerythritol Tetraacrylate, PET5PO4A	. High reactivity. High crosslink density. Low skin Irritation
<b>EM265</b>	Dipentaerythritol Hexaacrylate, DPHA	. Fast cure rate. Low skin irritation
<b>EM266</b>	Dipentaerythritol Hexaacrylate, DPHA	. Fast cure rate. Low skin irritation. High viscosity
<b>EM267</b>	Dipentaerythritol Hexaacrylate, DPHA	. Fast cure rate. Low skin irritation. Low alkalinity

## TOLUENE FREE MONOMERS

Etermer	Chemical Description	Characteristics
<b>EM221-TF</b>	1,6-Hexanediol Diacrylate, HDDA	. Low volatilityand viscosity. Good solvency for acrylate oligomers. High reactivity
<b>EM222-TF</b>	Dipropylene Glycol Diacrylate, DPGDA	. Low volatilityand viscosity. Excellent solvency. Fast cure rate
<b>EM223-TF</b>	Tripropylene Glycol Diacrylate, TPGDA	. Low volatilityand viscosity. High reactivity. Good flexibility
<b>EM2251-TF</b>	Propoxylated Neopentyl Glycol Diacrylate, NPG2PODA	. Low skin irritation. Low viscosity. Low volume shrinkage in polymerization
<b>EM231-TF</b>	Trimethylolpropane Triacrylate, TMPTA	. Hiigh reactivityand crosslink density. Provides high gloss and hard products. Good abrasion resistance
<b>EM2380-TF</b>	Ethoxylated Trimethylolpropane Triacrylate, TMP3EOTA	. Low skin irritation. Fast cure response and solvency. Good flexibility
<b>EM2387-TF</b>	Propoxylated Glyceryl Triacrylate, G3.5POTA	. Low skin irritation. Good hardness and flexibility. Low shrinkage