



ACRYLATE MONOMERS

CATALOG #	261000000	242000000	262000000	263000000
Specifications	Methyl	Ethyl	Butyl	2 Ethylhexyl
	Acrylate	Acrylate	Acrylate	Acrylate
Purity (wt%), min	99.5%	99.5%	99.3%	99.3%
Color (APHA) , max	10	10	10	10
Specific Gravity (20/4C)	(0.953-0.958)	(0.919-0.923)	(0.896-0.901)	(0.882-0.888)
Water (wt.), max	0.05%	0.05%	0.05%	0.05%
Acidity (as acrylic Acid) (wt.),max	0.005%	0.005%	0.005%	0.005%
Inhibitor (MEHQ), wt.%	15+/-5	15+/-5	15+/-5	15+/-5

Note: Higher Inhibitor Packages Available

Physical Properties

Formula Wt.	86	100	128	124
Viscosity (cP @ 20C)	0.503	0.569	0.856	1.540
Boiling Pt. (C)	80.3C	99.6C	148C	213.5C
Freezing Pt. (C)	<-75C	<-75C	<-64C	<-90C
Flash Point (C)	15.6C	29.4C	49C	91C
Latent Heat (Kcal/mol)	7.9+/-0.4	8.3+/-0.4	9.1+/-0.5	10.3+/-0.5
Specific Heat (Kcal/mol)	0.48	0.47	0.46	0.48
Heat of Polym (Kcal/mol)	19.2	15.6	18.5	14.5
Refractive Index (nD20)	1.4003	1.4003	1.4156	1.4350
LEL (Vol %)	2.8	1.8	1.5	0.6
VEL (Vol%)	25	-	-	1.3
Vapor Pressure (mm Hg)				
@ 60C (140 F)	372	192	32	1.8
@ 80C (176 F)	760	400	77	5.9
@ 100C (212 F)	-	787	165	14.0
@ 140C (284 F)			580	71.0

Approved by Paul DiMarco, Vice President Quality Management

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