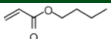
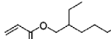
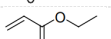
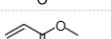

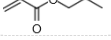
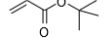
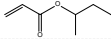
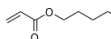
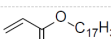
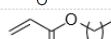
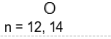
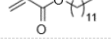
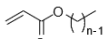


# Acrylic & Methacrylic Monomers from BASF

Part of our life. Part of your success.

Product Name	Chemical name [Formula]	Polymer Tg [°C]	Bp [°C]	Coatings (Automotive / Industrial)	Emulsions (Coatings / Adhesives)	Adhesives & Sealants	Paper	Leather / Textile	Oilfield	Lubricants	Construction	Rubber / Plastics	Rad / UV Cure	Superabsorbent Polymer (SAP)	Classic	Low-PCF 1,2,3,4,5	Zero-PCF 1,2,3,4,5	Bio-based 6	Cycled <sup>®</sup> 1,7	Made with 6 Green Power 8,9
<b>Alkyl Acrylates</b>																				
n-Butyl Acrylate (BA) [141-32-2]		-48	148	X	X	X	X	X			X	X		X	X	X		X	X	
2-Ethylhexyl Acrylate (2-EHA) [103-11-7]		-58	216	X	X	X	X	X			X	X		X	X	X		X	X	
Ethyl Acrylate (EA) [140-88-5]		-24	99,8		X	X	X	X			X	X		X	X		X	X		
Methyl Acrylate (MA) [96-33-3]		-10	80,1		X	X					X	X		X	X	X		X	X	
iso-Butyl Acrylate (IBA) [106-63-8]		-24	138	X	X	X	X	X			X	X		X	X			X	X	
tert-Butyl Acrylate (TBA) [1663-39-4]		50	119	X	X	X	X	X			X	X		X	X	X		X	X	
2-Octyl Acrylate (2-OA) [42928-85-8]		-47	202	X	X	X	X	X			X	X			X		X	X	X	
iso-Decyl Acrylate F (IDA F) [1330-61-6]		-58	158 (66 mbar)	X	X	X							X	X	X			X		
Heptadecyl Acrylate (C17A) [1473386-36-5]		-64	-	X	X				X		X	X		X	X			X		
Lauryl Acrylate 1214 F (LA 1214 F) [2156-97-0] (C12) [21643-42-5] (C14)		-	296	X	X	X	X	X	X				X		X		X	X	X	
Lauryl Acrylate 12 F (LA 12 F) [2156-97-0]		-	296	X	X	X	X	X	X				X		X		X	X	X	
Stearyl Acrylate 1618 (SA 1618) [13402-02-3] (C16) [4813-57-4] (C18)		-	160 (3 mbar)	X		X		X	X	X			X		X		X	X	X	
Stearyl Acrylate 18 (SA 18) [4813-57-4]		-	160 (3 mbar)	X		X		X	X	X			X		X		X	X	X	
Behenyl Acrylate 1822 F (BEA 1822 F) [4813-57-4] (C18), [48076-38-6] (C20) [18299-85-9] (C22)		-	410	X		X		X	X	X			X		X		X	X	X	



Coatings (Automotive / Industrial)  
Emulsions (Coatings / Adhesives)  
Adhesives & Sealants  
Paper  
Leather / Textile  
Oilfield  
Lubricants  
Construction  
Rubber / Plastics  
Rad / UV Cure  
Superabsorbent Polymer (SAP)  
Classic  
Low-PCR 1, 2, 3, 4, 5  
Zero-PCR 1, 2, 3, 4, 5  
Bio-based 6  
Cycled® 1, 7  
Made Using Green Power 8, 9

Product Name	Chemical name [Formula]	Polymer Tg [°C]	Bp [°C]	Coatings (Automotive / Industrial)	Emulsions (Coatings / Adhesives)	Adhesives & Sealants	Paper	Leather / Textile	Oilfield	Lubricants	Construction	Rubber / Plastics	Rad / UV Cure	Superabsorbent Polymer (SAP)	Classic	Low-PCR 1, 2, 3, 4, 5	Zero-PCR 1, 2, 3, 4, 5	Bio-based 6	Cycled® 1, 7	Made Using Green Power 8, 9
<b>Functional Monomers</b>																				
Ureido Methacrylate 25% in MMA (UMA 25%) [86261-90-7]		-	101	x	x	x			x					x						x
Dihydrodicyclopentadienyl Acrylate (DCPA) [12542-30-2]		-	81 (0.7 mbar)	x		x						x	x	x						x

<sup>1</sup> According to the mass balance approach details under: <https://www.basf.com/global/en/who-we-are/sustainability/our-contributions-to-enabling-the-green-transformation/circular-economy/circular-feedstocks/mass-balance/the-biomass-balance-approach>

<sup>2</sup> Considering "cradle-to-gate" approach – details under: <https://www.basf.com/global/en/who-we-are/sustainability/our-contributions-to-enabling-the-green-transformation/carbon-footprint/product-carbon-footprint>

<sup>3</sup> Learn how BASF calculates products carbon footprint: <https://www.basf.com/global/en/who-we-are/sustainability/our-contributions-to-enabling-the-green-transformation/carbon-footprint/product-carbon-footprint>

<sup>4</sup> Considering "biogenic uptake" where plants remove CO<sub>2</sub> from the atmosphere through photosynthesis. The raw materials used in BASF's biomass balance approach are plant-based and the biogenic uptake is accounted for in the calculation of the cradle-to-gate product carbon footprint.

<sup>5</sup> Compared to the BASF "classic" version which may vary according to the production site and selected feedstocks (e.g., Bionaphtha or Biomethane).

<sup>6</sup> According to the method ASTM D6866-18 where biogenic carbon is analyzed.

<sup>7</sup> In the production of Cycled® products, conventional fossil raw materials required to manufacture BASF products are replaced with recycled feedstock from the chemical recycling of plastic waste along BASF's integrated production chain. The corresponding share of recycled feedstock, e.g., benzene, is attributed to the specific Cycled® product via a certified mass balance approach. BASF sites and Cycled® products are third-party certified according to internationally recognized certification schemes like REDcert2 and ISCC PLUS and meet the definitions by ISO 22095:2020. Learn how plastic waste and end-of-life tires end up in your product: <https://plastics-rubber.basf.com/global/en/plastics-hub/chemcycling>

<sup>8</sup> Green power is the power generated by renewable sources (e.g., wind parks, solar farms) purchased by BASF in compliance with GHG Protocol and attributed to targeted products.

<sup>9</sup> Learn more about BASF green power initiatives at: [www.basf.com/global/en/who-we-are/organization/group-companies/BASF\\_Renewable-Energy-GmbH.html](http://www.basf.com/global/en/who-we-are/organization/group-companies/BASF_Renewable-Energy-GmbH.html).

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