

VISIOMER[®] Specialty Methacrylates

THE FIRST CHOICE IN METHACRYLATE SOLUTIONS



VISIOMER® SPECIALTY METHACRYLATES – PORTFOLIO OVERVIEW

WHO WE ARE

With VISIOMER®, we are a solution provider for specialty methacrylate monomers, offering a leading portfolio of high-quality products combined with comprehensive scientific and technological services. Working in close partnership with our customers, we go beyond existing technologies to develop customized, innovative, and sustainable solutions and transform ideas into reliable, high-performance, long-lasting materials.

For more details, please visit our website on www.evonik.com/visiomer or get in touch with us under: visiomer@evonik.com

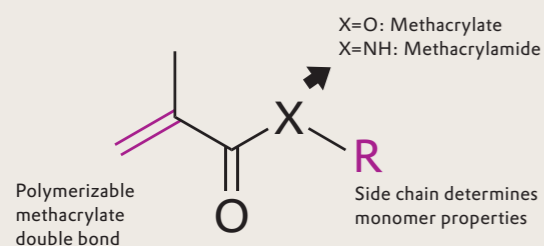
WHAT WE OFFER

Methacrylate monomers are among the most versatile and efficient building blocks of macro-molecular chemistry. VISIOMER® Specialty Methacrylates serve a broad range of industries and applications and enable individual and sustainable effects for your products in the field of adhesives, paints and coatings, composite resins, construction materials as well as various special applications.



VISIOMER® FOR SPECIALTY METHACRYLATES – FOR A VARIETY OF APPLICATIONS

OUR CHEMISTRY



OUR MARKETS & APPLICATIONS

- Adhesives & Sealants
- Agriculture
- Coatings
- Composites
- Construction
- Electronics & Telecommunications
- Oil & Gas, Petrochemicals
- Personal Care & Beauty
- Pharma & Healthcare
- Plastics & Rubber
- Synthesis
- Textil, Leather & Nonwovens
- Water & Paper

MULTIFUNCTIONAL METHACRYLATES

Crosslinkers

VISIOMER®	Chemical Name	CAS No.	Formula
AMA	Allyl methacrylate	96-05-9	
EGDMA	Ethylene glycol dimethacrylate	97-90-5	
TRGDMA	Triethylene glycol dimethacrylate	109-16-0	
PEG 200 DMA	Polyethylene glycol 200 dimethacrylate	25852-47-5	
PEG 8000 DMA W	Polyethylene glycol 8000 dimethacrylate (50% in water)	25852-47-5	
1,3-BDDMA	1,3-Butanediol dimethacrylate	1189-08-8	
1,4-BDDMA	1,4-Butanediol dimethacrylate	2082-81-7	
1,6-HDDMA	1,6-Hexanediol dimethacrylate	6606-59-3	
GDMA	Glycerol dimethacrylate	28497-59-8	
TMPTMA	Trimethylolpropane trimethacrylate	3290-92-4	
HEMATMDI	Diurethane dimethacrylate	72869-86-4	
Terra ISDMA	Isosorbide dimethacrylate	108646-62-4	
Terra CARMA	Cardanol Methacrylate	2851905-78-5	
6976	Benzophenone Methacrylate (in methyl methacrylate/ methacrylic acid)	proprietary	

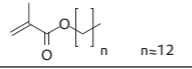
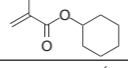
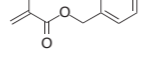
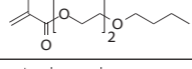
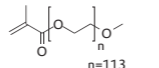
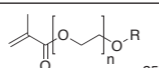


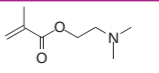
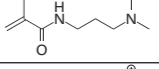
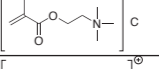
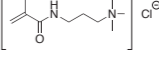
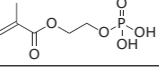
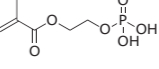
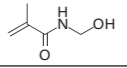
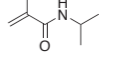
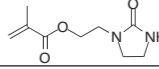
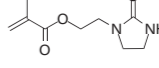
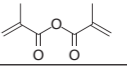
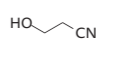
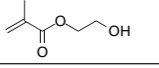
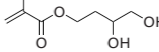
VISIOMER® PRODUCTS MADE FROM BIOBASED RAW MATERIALS.

VISIOMER® Terra products surpass the properties of biobased methacrylates with respect to the following criteria:

- Bio-Carbon content of up to 85%
- Bio-Carbon content verified and certified by independent third party
- No severe health or environmental hazards
- Life Cycle Analysis data available

MONOFUNCTIONAL METHACRYLATES

VISIOMER®	Chemical Name	CAS No.	Formula	Glass transition Temperature Tg
Alkyl/Aryl (Meth)acrylates				
EHMA	2-Ethylhexyl methacrylate	688-84-6		-10 °C
IDMA	Isodecyl methacrylate	29964-84-9		-30 °C
Terra C13-MA	Methacrylic ester 13.0	90551-76-1	 n=12	-46 °C
Terra C17,4-MA	Methacrylic ester 17.4	90551-84-1	 n=16,4	-22 °C
c-HMA	Cyclohexyl methacrylate	101-43-9		110 °C
IBOA	Isobornyl acrylate	5888-33-5		96 °C
Terra IBOMA	Isobornyl methacrylate	7534-94-3		150 °C
BNMA	Benzyl methacrylate	2495-37-6		54 °C
Ether/Acetal Methacrylates				
ETMA	Ethyl triglycol methacrylate	39670-09-2		-31 °C
BDGMA	Butyl diglycol methacrylate	7328-22-5		-56 °C
MPEG 500 MA	Methoxy polyethylene glycol 500 methacrylate	26915-72-0	 n=11	-61 °C
MPEG 750 MA W	Methoxy polyethylene glycol 750 methacrylate (50% in water)	26915-72-0	 n=17	-
MPEG 1005 MA W	Methoxy polyethylene glycol 1000 methacrylate (50% in water)	26915-72-0	 n=22,5	-
MPEG 2005 MA W	Methoxy polyethylene glycol 2000 methacrylate (50% in water)	26915-72-0	 n=45	-
MPEG 5005 MA W	Methoxy polyethylene glycol 5000 methacrylate (50% in water)	26915-72-0	 n=113	-
C18 PEG 1105 MA W	Methacrylic ester (25 EO) C16-C18 fatty alcohol (60% in water)	70879-51-5	 n=25 R=C16-C18	-
THFMA	Tetrahydrofurfuryl methacrylate	2455-24-5		40 °C
Terra IPGMA	Isopropylidenglycerine methacrylate	7098-80-8		42 °C

VISIOMER®	Chemical Name	CAS No.	Formula	Glass transition Temperature Tg
Amino Methacrylates				
MADAME	2-Dimethylaminoethyl methacrylate	2867-47-2		18 °C
DMAPMA	3-Dimethylaminopropyl methacrylamide	5205-93-6		96 °C
TMAEMC	2-Trimethylammoniumethyl methacrylate chloride (75% in water)	5039-78-1		-
MAPTAC	3-Trimethylammoniumpropyl methacrylamide chloride (50% in water)	51410-72-1		-
Phosphate Methacrylates				
HEMA-P 70M	2-Methacryloyloxyethyl phosphate (70% in methyl methacrylate)	52628-03-2		-
HEMA-P 100	2-Methacryloyloxyethyl phosphate	52628-03-2		-
Methacrylamides				
N-MMAA	N-Methylol methacrylamide (60% in water)	923-02-4		-
N-iPMAA	N-Isopropyl methacrylamide	13749-61-6		-
Urea Methacrylates				
MEEU 50 W	N-(2-Methacryloyloxyethyl) ethylene urea (50% in water)	86261-90-7		-
MEEU 25 M	N-(2-Methacryloyloxyethyl) ethylene urea (25% in methyl methacrylate)	86261-90-7		-
Specialty Intermediates				
MAAH	Methacrylic anhydride	760-93-0		-
ECH	Ethylene cyanohydrin	109-78-4		-
Hydroxyesters – Optical grades				
UHP HEMA	2-Hydroxyethyl methacrylate	868-77-9		55 °C
Terra Opti GMMA	Glycerol monomethacrylate	5919-74-4		-

EUROPE, AFRICA, MIDDLE EAST

EVONIK OPERATIONS GMBH

Kirschenallee
64293 Darmstadt
Germany

ASIA

EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD. OIL ADDITIVES

55 Chundong Road,
Xinzhuang Industry Park,
Shanghai 201108,
China

AMERICAS

EVONIK OIL ADDITIVES USA, INC.

7001 Hamilton Boulevard,
Trexlerstown-Allentown, PA 18087
USA

Phone +1 610 573-5310
Toll-free +1 888 876-4629

visiomer@evonik.com www.visiomer.com

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