

# PEG and Pluronic Based Absorbable Polymers & Copolymers



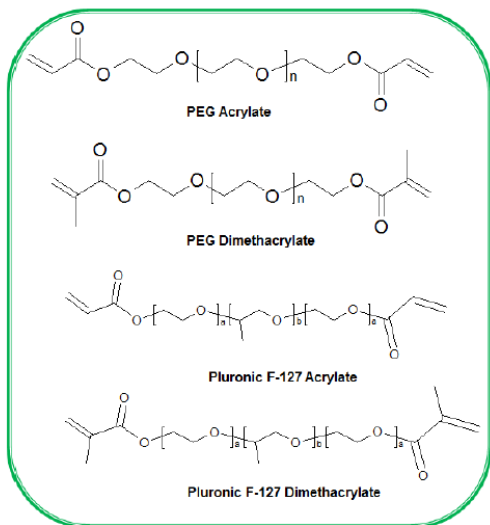
At Bezwada Biomedical, we are pleased to offer a portfolio of hydrolysable PEG and Pluronic based absorbable polymers and copolymers for a variety of pharmaceutical and biomedical applications. Our expanded portfolio consists of numerous acrylate and methacrylate functionalized PEGs and di- or tri-block copolymers of PEG or Pluronic with absorbable polymers such as PLGA (polylactide-co-glycolide), PLA (Polylactide) or PCL (polycaprolactone).

Key features and benefits of these polymers and copolymers include:

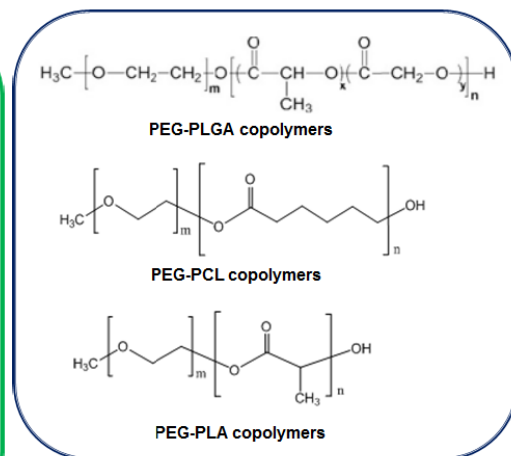
- *Completely hydrolysable into safe and biocompatible products*
- *Tunable hydrolytic degradation profiles*
- *Acrylate/Methacrylate end functionalization enables crosslinking*

Think Absorbable.  
Think Bezwada Biomedical

## Functionalized PEG and Pluronic Polymers



## Available PEG Copolymers



## Selected Key Applications

- Tissue adhesives and Sealants
- Bone/Dental Glue formulations
- Drug Encapsulation
- Hydrogels
- Synthesis of cross-linked polymers
- Controlled drug delivery

Please contact us for a quotation for your custom synthesis needs

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*At Bezwada Biomedical, we are pleased to offer a large selection of PEG Diacrylates, Dimethacrylates and PEG Derivatives. The polymers description is given below:*

### PEG Acrylates

S. No.	Name	PEG Molecular Weight	Quantity
1	mPEG-Acrylate, 1K	1,000	100 Grams
2	mPEG-Acrylate, 2K	2,000	100 Grams
3	mPEG-Acrylate, 4K	4,000	100 Grams
4	mPEG-Acrylate, 6K	6,000	100 Grams
5	mPEG-Acrylate, 10K	10,000	100 Grams
6	mPEG-Acrylate, 20K	20,000	100 Grams
7	PEG Diacrylate, 1K	1,000	100 Grams
8	PEG Diacrylate, 2K	2,000	100 Grams
9	PEG Diacrylate, 3.4K	3,400	50 Grams
10	PEG Diacrylate, 4K	4,000	100 Grams
11	PEG Diacrylate, 6K	6,000	100 Grams
12	PEG Diacrylate, 10K	10,000	100 Grams
13	PEG Diacrylate, 20K	20,000	100 Grams

### PEG Methacrylate's

S. No.	Name	PEG Molecular Weight	Quantity
1	mPEG-Methacrylate, 1K	1,000	100 Grams
2	mPEG- Methacrylate, 2K	2,000	100 Grams
3	mPEG- Methacrylate, 4K	4,000	100 Grams
4	mPEG- Methacrylate, 6K	6,000	100 Grams
5	mPEG- Methacrylate, 10K	10,000	100 Grams
6	mPEG- Methacrylate, 20K	20,000	100 Grams
7	PEG Dimethacrylate, 1K	1,000	100 Grams
8	PEG Dimethacrylate, 2K	2,000	100 Grams
9	PEG Dimethacrylate, 4K	4,000	100 Grams
10	PEG Dimethacrylate, 6K	6,000	100 Grams
11	PEG Dimethacrylate, 10K	10,000	100 Grams
12	PEG Dimethacrylate, 20K	20,000	100 Grams

### PEG Derivative's

S.No	PEG Derivative	PEG Molecular Weight	Quantity
<b>PEG Amine's</b>			
1	mPEG-Amine, 1K	1,000	100 Grams
2	mPEG-Amine, 2 K	2,000	100 Grams
3	mPEG-Amine, 4K	4,000	100 Grams
4	mPEG-Amine, 6K	6,000	100 Grams
5	mPEG-Amine, 10K	10,000	100 Grams
6	mPEG-Amine, 20K	20,000	100 Grams
7	PEG-Diamine, 1K	1,000	100 Grams
8	PEG-Diamine, 2K	2,000	100 Grams
9	PEG-Diamine, 4K	4,000	100 Grams
10	PEG-Diamine, 6K	6,000	100 Grams
11	PEG-Diamine, 10K	10,000	100 Grams
12	PEG-Diamine, 20K	20,000	100 Grams
13	PEG-Diamine, 3.4K	3,400	100 Grams
<b>PEG-Acrylamide's</b>			
1	mPEG-Acrylamide, 1K	1,000	100 Grams
2	mPEG-Acrylamide, 2K	2,000	100 Grams
3	mPEG-Acrylamide, 4K	4,000	100 Grams
4	mPEG-Acrylamide, 6K	6,000	100 Grams
5	mPEG-Acrylamide, 10K	10,000	100 Grams
6	mPEG-Acrylamide, 20K	20,000	100 Grams
7	PEG-Diacrylamide, 1K	1,000	100 Grams
8	PEG-Diacrylamide, 2K	2,000	100 Grams
9	PEG-Diacrylamide, 4K	4,000	100 Grams
10	PEG-Diacrylamide, 6K	6,000	100 Grams
11	PEG-Diacrylamide, 10K	10,000	100 Grams
12	PEG-Diacrylamide, 20K	20,000	100 Grams
13	PEG-Diacrylamide, 3.4K	3,400	100 Grams

PEG-Methacrylamide's			
1	mPEG-Methacrylamide, 1K	1,000	100 Grams
2	mPEG- Methacrylamide, 2K	2,000	100 Grams
3	mPEG- Methacrylamide, 4K	4,000	100 Grams
4	mPEG- Methacrylamide, 6K	6,000	100 Grams
5	mPEG- Methacrylamide, 10K	10,000	100 Grams
6	mPEG- Methacrylamide, 20K	20,000	100 Grams
7	PEG-Dimethacrylamide, 1K	1,000	100 Grams
8	PEG-Dimethacrylamide, 2K	2,000	100 Grams
9	PEG-Dimethacrylamide, 3.4K	3,400	100 Grams
10	PEG-Dimethacrylamide, 4K	4,000	100 Grams
11	PEG-Dimethacrylamide, 6K	6,000	100 Grams
12	PEG-Dimethacrylamide, 10K	10,000	100 Grams
13	PEG-Dimethacrylamide, 20K	20,000	100 Grams
PEG-Dichloride's			
1	PEG-Dichloride, 1K	1,000	100 Grams
2	PEG-Dichloride, 2K	2,000	100 Grams
3	PEG-Dichloride, 3.4K	3,400	100 Grams
4	PEG-Dichloride, 4K	4,000	100 Grams
5	PEG-Dichloride, 6K	6,000	100 Grams
6	PEG-Dichloride, 10K	10,000	100 Grams
7	PEG-Dichloride, 20K	20,000	100 Grams

### [Polycaprolactone Acrylate's and Methacrylate's](#)

S.No	PEG derivative	PCL Molecular weight	Quantity
1	Polycaprolactone diacrylate	530	100 Grams
2	Polycaprolactone diacrylate	2,000	100 Grams
3	Polycaprolactone diacrylate	10,000	100 Grams
4	Polycaprolactone triacrylate	300	100 Grams
5	Polycaprolactone triacrylate	900	100 Grams
6	Polycaprolactone dimethacrylate	530	100 Grams
7	Polycaprolactone dimethacrylate	2,000	100 Grams
8	Polycaprolactone dimethacrylate	10,000	100 Grams
9	Polycaprolactone trimethacrylate	300	100 Grams
10	Polycaprolactone trimethacrylate	900	100 Grams

Please contact us for bulk request at [info@bezwadabiomedical.com](mailto:info@bezwadabiomedical.com)