

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)

Email USA: [techserv@sial.com](mailto:techserv@sial.com)

Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

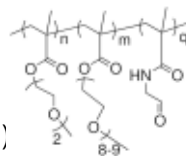
Poly(M(EO)2MA:Poly(OEGMA) - (90:10), aldehyde functionalized, 25 wt% solution in water

Product Number:

901777

Formula:

$[\text{CH}_2\text{CCH}_3(\text{COO}(\text{CH}_2\text{CH}_2\text{O})_2\text{CH}_3)]_n[\text{CH}_2\text{CCH}_3(\text{COO}(\text{CH}_2\text{CH}_2\text{O})_8\text{CH}_3)]_m$



$[\text{ONHCH}_2\text{COH}]_q$

Storage Temperature:

2 - 8 °C

### TEST

### Specification

Appearance (Color)	Colorless to Faint Yellow
Appearance (Form)	Liquid
Infrared Spectrum	Conforms to Structure
<sup>1</sup> H NMR Spectrum	Conforms to Structure
Residue on Evaporation	20 - 30 % wt
Molecular Weight by GPC	
Specification: Report Only	
Functionalization	
Aldehyde	
Specification: Report Only	
Composition	85 - 95 mole%
M(EO)2MA relative to OEGMA	
Composition	5 - 15 mole%
OEGMA relative to M(EO)2MA	
Recommended Retest Period	-----
1 Year	

Specification: PRD.0.ZQ5.10000101889

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.