

## Esstech X-733-7446 1,12 Dodecanediol Dimethacrylate, C<sub>20</sub>H<sub>34</sub>O<sub>4</sub>

Category : Polymer , Thermoset , Methacrylate

**Material Notes:**

1, 12 - Dodecanediol dimethacrylate has a hydrophobic backbone that increases its molecular mobility. DDDMA is commonly used in biomaterials and dental applications as well as coatings, composites and sealants. Dodecanediol dimethacrylate provides fast cure, flexibility and improved surface characteristic to the polymer matrix. Listed on the Toxic Substance Control Act List. CAS # 72829-09-5. Information provided by ESSTECH, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Esstech-X-733-7446-112-Dodecanediol-Dimethacrylate-C20H34O4.php](http://www.lookpolymers.com/polymer_Esstech-X-733-7446-112-Dodecanediol-Dimethacrylate-C20H34O4.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	
Molecular Weight	338.488 g/mol	338.488 g/mol	

Optical Properties	Metric	English	Comments
Refractive Index	1.455	1.455	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.20 %	<= 0.20 %	

Descriptive Properties	Value	Comments
Acidity (% Methacrylic Acid)	< 0.01	
Color (APHA)	50	
MeHQ Inhibitor (ppm)	80-120	
Purity (%)	> 95	

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