



DESCRIPTION

Designer Molecules, Inc. has developed a proprietary method of producing a mixed isomer version of the popular PMDM adhesion promoter while still retaining the appearance of the original PMDM. This new process has significantly higher yields and produces a material that can be offered at significant price reductions for your dental adhesive needs.

Synonym: PMDM-M, Pyromellitic Dianhydride Dimethacrylate – Mixture of Isomers

HIGHLIGHTS

A-478-M is a versatile additive for adhesion enhancement. The combination of methacrylate groups and carboxylic acid groups per molecule allow bonding to a variety of surfaces.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	RESULT
Appearance at Room Temperature	Fine white powder
Molecular Formula	C ₂₂ H ₂₂ O ₁₂
Molecular Weight	478.4 daltons
Solids (%)	100
Recommended Storage Temp	5°C or below

Data is for reference only and may vary depending on testing method used. The structure shown above is an idealized representation of a statistical distribution.

RECOMMENDED FORMULATION USE:

A-478-M is recommended for use as an adhesion-enhancing additive.

CONTACT:

REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

☎ 858-348-1122

✉ support@designermoleculesinc.com

REF: DMI Part Number: R1217-M