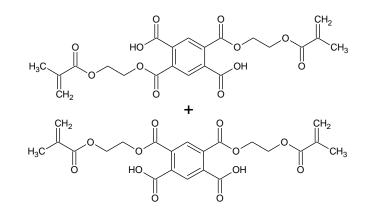
# TECH DATA SHEET A-478-M





#### 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 28858-348-1122 Support@designermoleculesinc.com REF: DMI Part Number: R1217-M

> • 10080 Willow Creek Road • San Diego, CA 92131 • Tel: (858) 348-1122 • Fax: (858) 348-1123 • • www.designermoleculesinc.com •