



## DESCRIPTION

Name: 10-(phosphonoxy)decyl 2-methylprop-2-enoate

Synonym: MDP

## HIGHLIGHTS

**H1218** is a phosphate containing methacrylate modified monomer providing improved long-term bonding performance.

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PROPERTY	RESULT
Appearance at Room Temperature <sup>(1)</sup>	Slightly yellow, clear liquid
Molecular Formula	C <sub>14</sub> H <sub>27</sub> O <sub>6</sub> P
Molecular Weight	322.3 daltons
Viscosity @ 25°C	7,500 cP
Refractive Index @ 20°C	1.47
Transmittance @ 455nm	< 90%
Conductivity	> 500 μS/cm
Recommended Storage Temp	Room temperature

<sup>(1)</sup> **H1218** may freeze and form a soft white solid in storage. Should this occur gently warm the material at 50°C until the product returns to the clear liquid state before use.

*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:

**H1218** is recommended for use as an adhesion promoter in dental applications.

## CONTACT:

### REQUEST A SAMPLE OR PLACE AN ORDER

Customer Support

☎ 858-348-1122

✉ [info@dmhpi.com](mailto:info@dmhpi.com)

REF: DMHPI Part Number: H1218