

Hypomer FS-1560

Acrylic Polyol Resin

FEATURES

Fast drying
Good adhesion on plastic substrates

CHEMICAL & PHYSICAL PROPERTIES

| | |
|----------------------|------------------------------------|
| Composition | hydroxyl acrylic copolymer |
| Appearance | clear viscous liquid |
| Color value | ≤1 Gardner |
| Non-volatile content | 59 - 62 % |
| Solvent | toluene |
| Specific gravity | ca. 1.04 |
| Dynamic viscosity | 8000 - 18000 cP |
| Acid value | ≤10 mg KOH / g |
| OH value | ca. 30 mg KOH / g (as received) |
| OH % | ca. 0.9 % (as received) |
| Tg | ca. 62 °C (measured by DSC) |

These are typical properties not to be used for specification purposes.

APPLICATIONS

- Plastic coatings
- Base coat
- Transportations and industrial applications

SOLUBILITY

| | Dilution |
|---|----------|
| Mineral spirit (B.P. 100 - 140 °C) | O |
| Toluene | + |
| Xylene | + |
| Ethyl acetate | + |
| n-Butyl acetate | + |
| Methyl ethyl ketone | + |
| Propylene glycol monomethyl ether acetate | + |

COMPATIBILITY

| | Resin Solution | Dried Film |
|------------------|----------------|------------|
| Hypomer FS-2050 | + | + |
| Hypomer FS-2060B | + | + |
| Hypomer FS-2460A | + | + |
| Hypomer FS-2820 | + | + |
| Hypomer FS-2860A | + | + |
| Hypomer FS-3060 | + | + |
| Hypomer FS-4660 | + | + |

+ = soluble / compatible

O = limited soluble / compatible

– = insoluble / incompatible

Mixing ratio of **Hypomer FS-1560** with resin is 1/1.

HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

continued...

Hypomer FS-1560

SHELF LIFE

Hypomer FS-1560 has a shelf life of 2 (two) years from date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

© Copyright 2018, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

© Trademark of Elementis Specialties, Inc.

V01 Feb. 2018

North America

Elementis
469 Old Trenton Road
East Windsor
NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563