

Description:

CHEMOWEST worldwide unique, purely aliphatic epoxy- terminated polysulfide polymer. Thanks to the aliphatic polymer backbone, this type is particularly suitable for outdoor use. As the other EPS grades, this grade combines the excellent properties of polysulfides with the most desirable features of epoxy-resin systems to yield: excellent primerless adhesion to many surfaces (e.g. steel, aluminum or concrete), high impact resistance, even at low temperatures, high thermo cycling stability, chemical resistance to oil, fuels, dilute acids, alkalis, solvents and sea water, very high flexibility, good weathering properties and corrosion protection. EPS can either be used alone or in combination with conventional epoxy resins to produce high-performance heavy-duty adhesives and coatings.

Properties:

<i>Appearance</i>	<i>Viscosity (25°C -cPs)</i>	<i>EEW g/eq</i>	<i>Epoxy- oxygen (wt%)</i>	<i>Volatile Max%</i>	<i>Odor</i>
<i>Clear amber Light yellow</i>	<i>1500-3000</i>	<i>300-400</i>	<i>2.0-2.7</i>	<i>0.5</i>	<i>mild</i>

Curing:

these resins can be cured with almost any epoxy resins curing agents such as different types of aliphatic or cycloaliphatic amines and amides – acid anhydrides and etc....

Application:

EPS-LV 25 could be used in application of flexible, crack bridging and corrosion resistant coatings for concrete and steel. Furthermore, EPS-LV25 is applied in formulations of adhesives, sealants and is being used as flexible reactive diluents for high viscos Epoxies. Further advantages of EPS-LV25 are; improve the flexibility of standard Bisphenol A, A/F and F based Epoxies, improve the impact and thermal shock resistance, excellent water and corrosion resistance, resistance to a variety of aggressive chemicals, fuels and other oil products. Furthermore EPS-LV25 is used as additive in two-component Epoxy-systems. Curing at room and elevated temperature (max. temp. approx. 150C/300F), typical curatives are aliphatic and cycloaliphatic amines. EPS-LV25 is chemically compatible with most of Bisphenol A, A/F, F and Novolac-Epoxies.

Packaging:

EPS group polymers are available in 200 Liter drums , and 1000 Liter IBC.

Storage & Shelf life:

Store the container in cool and dry area, **keep it closed when not in use.**
Shelf life under appropriate storage conditions min 12 months.

Legal Disclaimer:

All information appearing in this sheet is based upon test and data believed to be reliable, however it is the user's responsibility to determine the suitability for his own use of the products described here. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent. All orders accepted shall be subjected to the standard conditions of sale of the manufacturing company.

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