

Everchem D230

Molecular Formular: $\text{NH}_2\text{CH}(\text{CH}_3)\text{-}[\text{OCH}_2\text{CH}(\text{CH}_3)]_x\text{NH}_2$

X=2.5

Description:

Everchem D230 is a kind of diamine on the base of copolymer backbone, its average molecular weight is about of 220,with amino lying in on the second carbon of polyether end. The density of D230 at 20°C is 0.9080g/cm³, flashing point is 1180°C, PH value is 11.6, with 68 reactive equivalent value, light color, low viscosity, low vapour pressure, high primary amine content, Can be dissolved to various melting agents, Slightly dissolved to water.

Physical properties:

Items	Everchem
Brand	D230
Appearance	Colorless to pale yellow
Color, Pt-Co	≤25
Primary amine, %	≥97
Total amine, m mol/g	8.10-8.70
Water, %	≤0.25

Application:

Everchem D230 has the drain and oleophobic group on the structure backbone, it is a good emulsifier agent in oil field, as a new style curing agents of epoxy, the application is tough, clear, flexible, impact-resistant coatings, castings and adhesive. In any case, D230 amine is used in conjunction with other curing agents, contributing flexibility to the finished product,. As for non-epoxy applications D230 amines finds use in effective chain extender of polyurea RIM(reaction injection molding), thermoplastic polyurethane adhesives, salts, and the fluids cutting and fire retardants.

Safety:

Everchem D230 has micro toxicity in oral administration; non-toxicity for skin absorption; weak irritation to skin, and strong irritation to eyes. Please use mask to protect the face when loading/unloading D230. If D230 contact the eyes accidentally, it is necessary to wash with water for at least 5 minutes, and conduct the required medical observation. Wash with water and soap in time if D230 contact with the skin.

Package and storage:

Packed in drums of 190kgs each with nitrogen. Validity period is one year in shadow.

Everchem, LLC
1400 N. Providence Road, Ste 302
Media, PA 19063

TEL: (484) 234-5030
FAX: (484) 234-5037

www.everchem.com

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