

Oxymer™ M112

Development product



Description

- Oxymer™ M112 is a non-crystalline polymer with a molecular weight of approximately 1000 g/mole.
- It is a viscous liquid at room temperature having a T_g of -23°C .
- Oxymer™ M112 is a hydrophobic macrodiol improving water and hydrolysis resistance in coatings.
- It is an aliphatic polycarbonate diol which can be used to build UV resistant and weatherable coatings.
- Oxymer™ M112 has low surface energy beneficial for good wetting characteristics.
- It improves the chemical resistance of coatings.

Applications

- Polyurethane dispersions
- Polyurethanes
- Elastomers and TPU
- Chemical building block

Delivery forms

- Oxymer™ M112 is supplied in 200 kg drums.

Sales specification

Hydroxyl number, mg KOH/g ¹	104-120
Water content, % ²	Max. 0.1

Typical properties

Ash content (as sodium), ppm ³	150
Colour, APHA ⁴	80
Viscosity (40°C, 30 s-1), Pas ⁵	20

Analytical Method

¹ PO 100-9, ² PO 109-2, ³ PO103-15, ⁴ PO105-4, ⁵ PO 120-3

Analytical methods are available on request

REACH Exempt Polymer

HS no.: 3907 40

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