

POLYSORB® PSA

Isosorbide

Description

POLYSORB® PSA is a high purity grade of isosorbide under pellets form dedicated to synthesis. This grade is tuned for polycarbonate synthesis without food contact.

Its use enables to give access to new polymer advantages, such as:

- Excellent optical properties (low birefringence and excellent light transmission)
- Chemical & UV resistance (without compounding with special UV stabilizers)
- High surface resistance, notably scratch resistance.

Used either directly as a very pure monomer or in the form of a derivative (functionalized or plasticizer), POLYSORB® isosorbide offers valuable solutions to performance materials and notably polycarbonate markets.

Definition

Isosorbide /1,4-3,6 - dianhydrohexitol - CAS N°[652-67-5]

Specifications

Appearance	solid, white pellets
Purity	99.5% min. /D.S.
Water content	0.5% max
pH, 40% aq. Solution	8.0 - 9.5

Indicative values

Melting point	around 63°C
Specific rotation	around + 46.0 deg.



By using POLYSORB® PSA, your polycarbonate will be improved in:

- Chemical & UV resistance**
- Good surface hardness**
- High impact polymer**
- Optical properties**



ROQUETTE

Offering the best of nature™