



HANGZHOU VALUE IMPORT & EXPORT CO.,LTD

2-714, Juzili Mansion, Sandun town, Westlake district, Hangzhou, 310000, China

TECHNICAL DATA SHEET

Product Name: Nucleating agent NC-2

Equivalent to: Millad 3940

Identification

Synonyms Bis(p-methylbenzylidene)sorbitol; 1,3:2,4-Bis(p-methylbenzylidene)sorbitol; 1,3:2,4-Bis-O-(4-methylbenzylidene)sorbitol

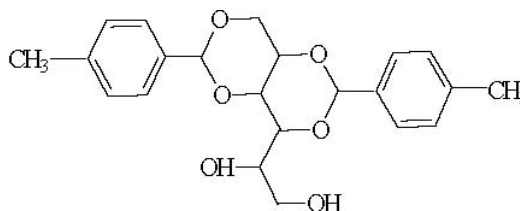
Molecular Formula : C₂₂H₂₆O₆

Molecular Weight : 386.44

CAS Number : 54686-97-4 (87826-41-3)

EINECS/ELINCS /

Structure



Properties

Appearance: White powder

Melting point : 245 °C min

Solubility in water: <0.01 g/100 ml at 20 °C

Stability: stable under ordinary conditions



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Specification

Item	Specification
Appearance	White powder
Moisture	0.5% max
Melting point	245 °C min
Particle size	325mesh min

Introduction

Nucleating transparent agent NC-2 is used to change the crystallization of the subcrystalline polymer resin and speed up its speed of crystallization. It promotes the resin to crystallize by providing crystal nucleus and makes the structure of the crystal grain fine, thus improving the products' rigidity, heat distortion temperature, dimension stability, transparency and luster. In addition, nucleating transparent agent NC-2 can shorten the molding cycle of products, expand the processing conditions and strengthen the smoothness. The product is the second generation of sorbitol nucleating transparent agent and the polyolefin nucleating transparent agent largely produced and consumed in the current world. Compared with all the other nucleating transparent agents, it is the most ideal one that can give the plastic products superior transparency, luster and other mechanical properties.

Application

Ideal transparency effect can be achieved only by adding 0.2~0.4% this product into the corresponding materials. This nucleating transparent agent can improve the materials' mechanical property. It is fit for making plastic products and is also widely used in transparent polypropylene sheet and tubes. It can directly be used after mixing with polypropylene dryly and also be used after being made into 2.5~5% seed grains.

Packing and Storage

Packing: In 5 kg or 10 kg carton with inner bag

Storage: Keep container tightly closed in a dry and cool place.

Safety Information

Non-hazardous for air, sea and road freight. Detailed safety information is contained in each Material Safety Data Sheet, which can be obtained from our company.

Please contact at: sales@value-int.com.