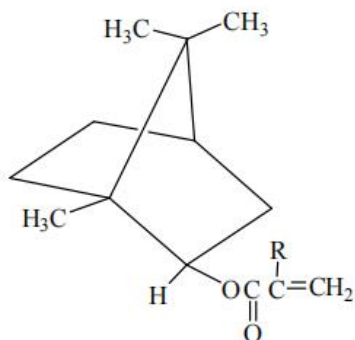


Product Manual (TDS)

IBOMA

Isobornyl methacrylate (IBOMA)



R=CH₃: IBOMA.

Characteristics

1. Good adhesion and toughness.
2. Chemical resistance, good abrasion resistance.

Application

1. Ink, coating, bonding glue.
2. Thinner.

General characteristics

Appearance: Clear transparent

Molecular weight (g/mol): 222g/mol

Density g/mL: 0.985

Refractive Index (25°C): 1.4750

Closed Flash Point °C: 119

Glass Transition Temperature (Tg) °C : 110

Chroma (APHA, 25°C): 50 max.

Viscosity (cps, Brookfield, 25°C) : 10 ~ 15

Proportion (g/cm³, 25°C): 0.995 ~ 1.05

Ester Content % : ≥98.5

Moisture Content % : ≤0.2

Polymer Content %: 0

Inhibitor Content(MEHQ) ppm: < 300



Product Manual (TDS)

IBOMA

Isobornyl methacrylate (IBOMA)

Storage security

Please keep away from the heat source and place it in the shadow.

Store it at normal temperature for 12 months without deterioration.

Please tighten the lid to avoid exposure of light sources and solidifying into gel.

Packaging / Product name

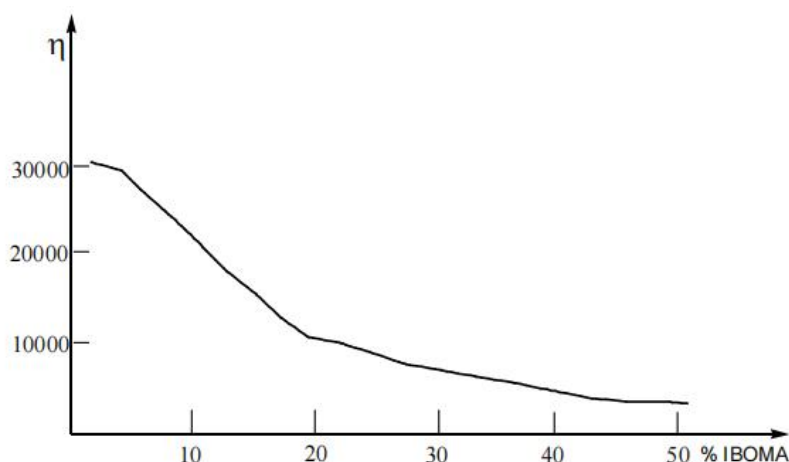
1. Two kinds of package: 25kg / plastic barrel and 200kg / steel barrel with inner plastic or plastic barrel.
2. IBOMA do not belong to flammable chemistry goods, but they should be deposited in the ventilating warehouse, avoided the sunlight perpendicular, and isolated the heat source to prevent from gathering and deterioration in store and transport.

Application of IBOMA in high solid compositions coating of acrylic resin:

In the situation of keeping glass transition temperature, molecular weight, and functional group number invariable, when methacrylic cyclic ester monomer was introduced to acrylic resin, it may effectively reduce the viscosity of copolymer solution. IBOMA is the most obvious to reduce the viscosity of copolymer solution among all kinds of methacrylic cyclic ester monomers.

IBOMA is one kind of outstanding monomer which extremely unifies hardness and flexibility. As for its molecular structure and characteristic, copolymer has high gloss, good gloss distinctness of image, mar resistance, water and solvents resistance and weather resistance. its hydroscopic property is obviously lower than MMA also. In addition, acrylic resin including IBOMA has good compatibility with polyester, alkyd resin, as well as many resins.

When IBOMA was used in powder coating, it may improves agglomerate, appearance and gloss of coating, enhances stability and levelling property of powder coating, reduces melt viscosity of powder coating.



Standard styrene/acrylic resin including terminal hydroxyl group

A 广州市番禺区番禺大道北555号天安节能科技园产业大厦1座904

904. NO. 1 Building, Tianan Hi- tech Ecological Park.No.555 panyu road North, Panyu,Guangzhou

T 020- 3107 4363 F 020- 3107 4309 E contact@bawo-chem.com W www.bawo-chem.com Factory : Guangdong · Yingde

无锡公司&研发中心: 江苏无锡市锡山开发区科技创业园 制造基地地址: 广东英德市东华镇高新技术产业园



抖音号



视频号



公众号