

Product Information

产品信息



DOW CORNING®

MBSI-002P

FEATURES 特性

- Imparts processing improvements and modified surface characteristics
- 改善加工性和产品表面特性

BENEFITS 优势

- Improved throughput
- Reduced energy consumption
- Enhanced scratch resistance
- Improved slip properties
- Reduced wastes
- Enhanced stability versus traditional processing aids and lubricants
- 提高产量
- 节约能源
- 提高耐刮伤性
- 提高爽滑性能
- 减少制品不良率
- 比传统的加工助剂和润滑剂更稳定

COMPOSITION 成份

- Free flowing solid pellets
- 流动性固体粒子

Ultra- high molecular weight Siloxane polymer, dispersed in low density polyethylene

以低密度聚乙烯为载体的超高分子量聚硅氧烷母粒

APPLICATIONS 应用

- Additives in polyethylene compatible systems
- 适用于聚乙烯相容的体系

TYPICAL PROPERTIES 特性

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Multibase sales office or your Global Multibase Connection before writing specifications on this product.

规格的填写：此处的数值不能用作产品的技术规格。在确定此产品规格前，请联络您当地的摩天贝代理商。

Property 性能	Unit 单位	Result 结论
Appearance 外观		White-off pellets 白色颗粒
Organic resin 有机树脂		LDPE
Suggested used level 建议使用量	%	< 1% for processing aid solution 改善加工性<1% 2- 3 % for surface properties 改善表面性能: 2- 3 %

DESCRIPTION

DOW CORNING MBSI-002P Masterbatch is a pelletized formulation containing ultra-high molecular weight (UHMW) siloxane polymer dispersed in low density polyethylene (LDPE). It is designed to be used as an additive in polyethylene compatible systems to impart benefits such as processing aid and modification of surface characteristics. Liquid siloxane plastic additives have been used for several years to improve the lubricity and flow of thermoplastics. They are effective in this role although some difficulties have been experienced in the incorporation of liquids into thermoplastic melts without the use of specialized equipment. The DOW CORNING® MBSI-002P Masterbatches address these problems by supplying a concentration of ultra-high molecular weight

HOW TO USE

DOW CORNING MB Series Masterbatches may be processed in the same way as the thermoplastics on which they are based. Sufficient DOW CORNING MBSI-002P Masterbatch should be blended with virgin polymer pellets to get the desired effects and characteristics :

- < 1% if processing aid solution is needed
- 2 - 3% if surface improvements properties are required

DOW CORNING MBSI-002P Masterbatch pellets can be added during compounding in a single screw extruder or added at the feed hopper during injection molding or extrusion.

DOW CORNING[®] **MBSI-002P**

(UHMW) siloxane as a dispersion in a dry pellet form in LDPE.

描述

DOW CORNING MBSI-002P

母粒以LDPE为载体，超高分子量聚硅氧烷分散其中，它适用于PE相容体系，可用作加工助剂和提高表面效果。液体硅氧烷被用作塑料添加剂已经很多年了，可以润滑热塑性塑料体系，提高其流动性，但是它需要特殊的设备才能将液体的硅氧烷加到塑料熔体中。而DOW CORNING® MBSI-002P是自由流动的母粒，方便使用。

如何使用

DOW CORNING MB系列母粒产品是热塑性塑料，使用方便，应该根据需要的不同效果而选择不同的添加比例：

- < 1% 作为加工助剂使用
- 2 – 3% 改善表面性能

DOW CORNING MBSI-002P母粒适用于单螺杆混合加工或混合后直接注塑或挤出。

HANDLING PRECAUTIONS

PRODUCT SAFETY
INFORMATION REQUIRED FOR
SAFE USE IS NOT INCLUDED.
BEFORE HANDLING, READ
PRODUCT AND SAFETY DATA
SHEETS AND CONTAINER
LABELS FOR SAFE USE,
PHYSICAL AND HEALTH
HAZARD INFORMATION. THE
SAFETY DATA SHEET IS
AVAILABLE FROM YOUR LOCAL
MULTIBASE SALES
REPRESENTATIVE.

操作注意事项

本资料不包括安全使用本产品所需的安全信息。使用前，请阅读产品说明书及其安全数据表、容器标签，以获取有关产品的安全使用、危害身体和健康的的安全信息。可登录道康宁网站查阅本产品的安全数据表 www.multibase.com。您也可向当地的摩天贝销售代表或经销商索取，或致电当地的摩天贝全球联络处。

USABLE LIFE AND STORAGE

When stored at or below 35°C (95°F) in the original unopened containers DOW CORNING MBSI-002P Masterbatch has a usable life of 48 months from the date of production

储存与保质期

无需特殊储存措施。在35°C以下并未开封时，本品的保质期为48个月。

PACKAGING INFORMATION

This product is available in a variety of container sizes. Contact your local Multibase sales representative for information about container sizes available in your area.

包装信息

此产品可采用不同的包装形式。更多相关信息可咨询当地摩天贝代理咨询详细的包装信息。

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

使用限制

本品未被测试或陈述为适用于医用或药用。

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their product safety needs, Multibase has an extensive Product Stewardship organization and a team of Product Safety and Regulatory Compliance (PS&RC) specialists available in each area.

For further information, please see our website, dowcorning.com or consult your local Multibase representative.

健康环境信息

为帮助客户安全使用产品，道康宁公司在各地区设立了严格的产品服务组织，并有一组产品安全和规章规范符合（PS&RC）专家为客户提供服务。有关详情，请登录我们的网站或咨询当地的摩天贝代表

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We Compound Your Creations

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www.dowcorning.com

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