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|  | <i>Novin Baspar Sazeh Co.</i> | 2023 |
| | NovinStab-UVE3040 | Additive Masterbatch |

Datasheet for Anti-UV Masterbatch, NovinStab-UVE3040

Introduction

This group of masterbatches with trade name NovinStab® are used to provide light stability in different polymeric products, and to inhibit polymer degradation by UV rays resulting in more durable products, both indoors and outdoors. Anti-UV additives and light stabilizers incorporated in these masterbatches ensure excellent performance.

NovinStab-UVE3040 is a PE-based masterbatch giving very good UV protection to polyethylene. The active ingredient consists of a combination of different HALS (Hindered Amine Light Stabilizer) and UV absorber additives, which gives the most effective light stabilization effect already at low dosages.

Specifications

| Property | Value |
|------------------------------|------------------------------------|
| Appearance | Slightly Yellow Cylindrical Pellet |
| UV additive | HALS/UV absorber, 20 % |
| Melting Point (°C) | 120 |
| MFI (g/10min;190°C,2.16 Kg) | 3 |
| Density (g/cm ³) | 0.93 |
| Moisture content | Max. 0.15% when produced |
| Carrier Resin | Polyethylene |
| Addition Rate (%) | 0.5-3 |

Guideline to Use

Recommended addition rates of NovinStab-UVE3040 are between 0.5 and 3 % by weight of the masterbatch, depending on the final products thickness, the processing conditions and the polymer grade.

Applications

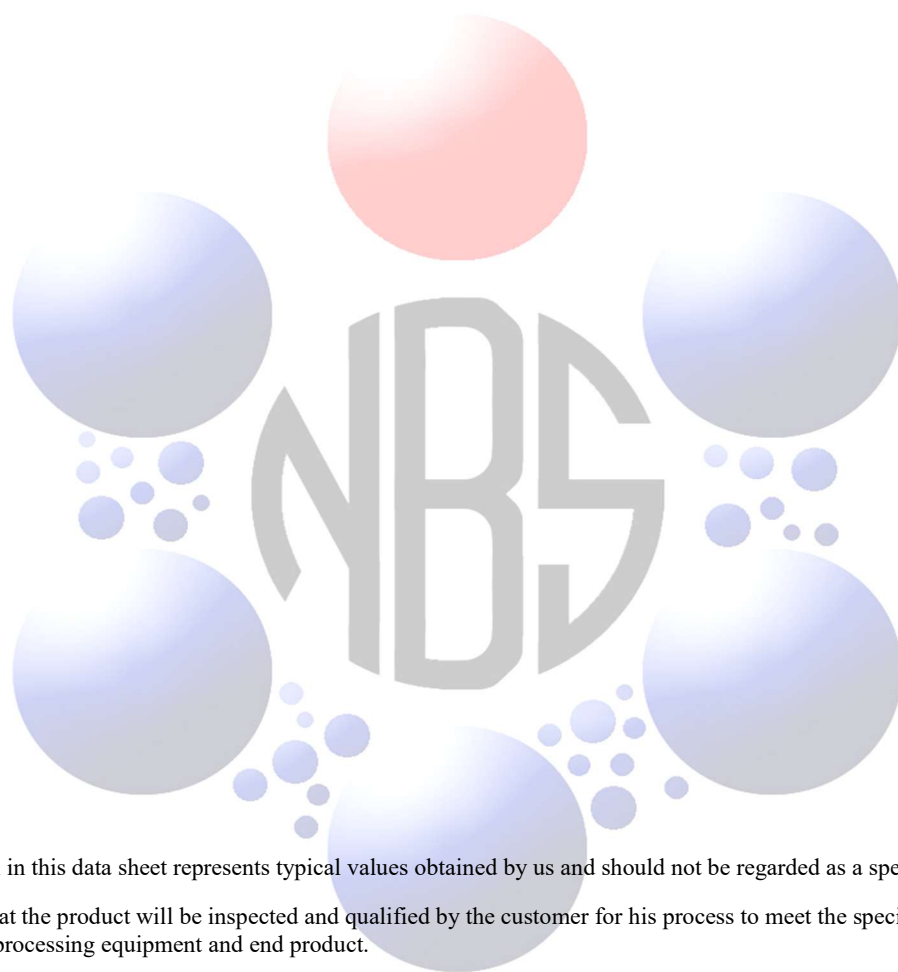
Suitable for cast and blown film and also for injection molding parts.

Packaging

The standard packing is 25 kg laminated PP woven bags.

Storage

Storage in very humid areas or under direct sunlight for long periods should be avoided.



The information in this data sheet represents typical values obtained by us and should not be regarded as a specification.

We condition that the product will be inspected and qualified by the customer for his process to meet the specific requirements set by application, processing equipment and end product.

Contacts:

Detailed information on special applications and technical information is available at the Technical Department.

www.novinbaspar.com

Email: info@novinbaspar.com

Sales Office: No. 8, Ahmadi St., Eastern Ferdows St., Sadeghieh Sq., Tehran, Iran. TelFax: +982144966490

Factory: Baharan Industrial Zone, Hamedan, Iran. TelFax: +988134586004