

	<b><i>Novin Baspar Sazeh Co.</i></b>	<b>2017</b>
	<b>NovinStab-UVE3040</b>	<b>Additive Masterbatch</b>

## 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
Density (g/cm <sup>3</sup> )	0.96
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 film process, pipe extrusion and injection and blown molding parts.

## Packaging

The standard packing is 25 kg PE 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](http://www.novinbaspar.com)

Email: [info@novinbaspar.com](mailto:info@novinbaspar.com)

Office: No. 67, Polymer Incubator Center, Tehran, Iran. TelFax:+982144787142

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