

	<i>Novin Baspar Sazeh Co.</i>	2017
	NovinStab-PX7120	Additive Masterbatch

Datasheet for Antioxidant Masterbatch, NovinStab-PX7120

Introduction

This group of masterbatches with trade name NovinStab® are used in polymeric products to provide thermal stability, and inhibit thermal degradation while processing and in the duration of product consumption. They provide the mentioned properties via stabilizing radicals produced by heat or oxygen.

NovinStab-PX7120 is an antioxidant/processing stabilizer masterbatch developed to give a good balance of long term heat and processing stability to PP.

NovinStab-PX7120 is based on a blend of phenolic and phosphite antioxidants. They improve the processing stability and prolong the life of the final product.

Specifications

Property	Value
Appearance	Clear Cylindrical Pellet
Additive content (%)	15
Melting Point (°C)	160
Density (g/cm ³)	0.95
Moisture content	Max. 0.15% when produced
Carrier Resin	polypropylene
Addition Rate (%)	0.5-3

Guideline to Use

1. To protect PP chains from breakage especially when processing at high temperature or high shear rates.
2. When using in-line recycling.
3. To decrease material deterioration and MFI change in recycling plants and while using recycled material.
4. To prevent PP material from yellowing during processing or long-life exposure. Also to decrease color change with time.
5. During machinery shut-down to prevent the degradation of the polymer.

Recommended addition rates of NovinStab-PX7120 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

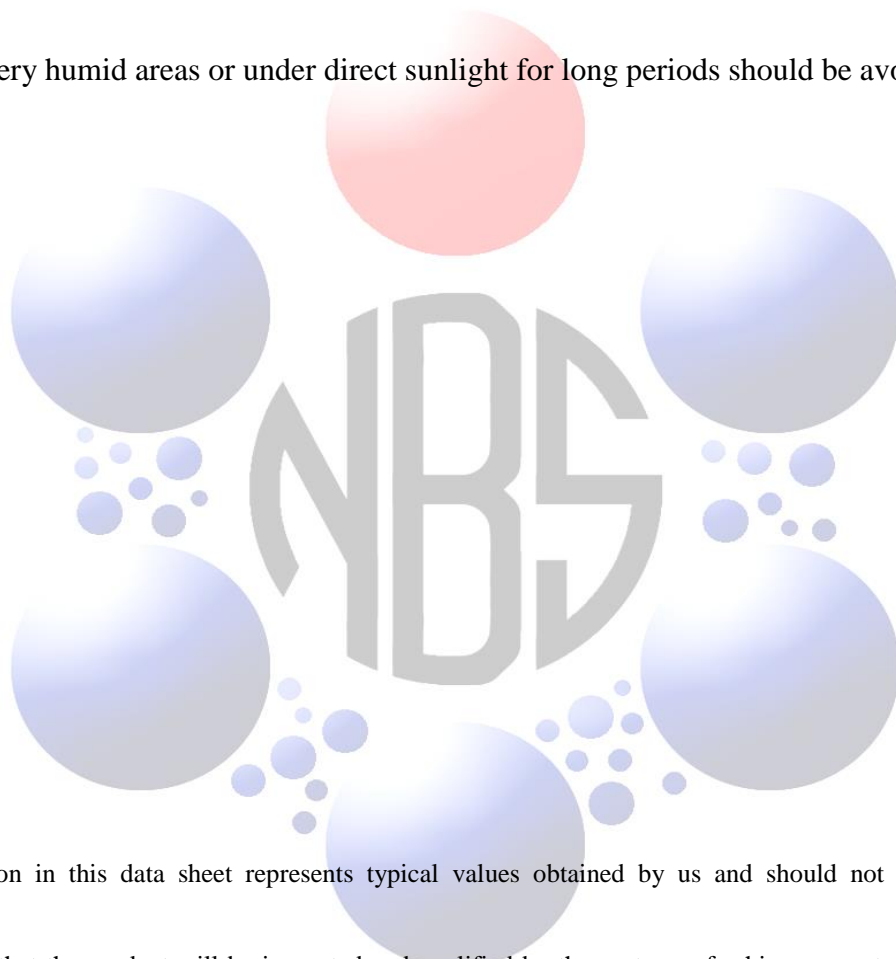
Suitable for cast and blown film process, pipe and sheet extrusion and injection molding.

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.

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