



## HYBOOST® 289

Entec Polymers - Antioxidant / Heat Stabilizer Masterbatch

Sunday, November 3, 2019

### General Information

#### Product Description

HyBoost-289 consists of a highly active Hindered Amine Light Stabilizer (HALS) with lengthy history of positive results. HyBoost-289 prevents the UV degradation of the base resin and also acts as a long term heat stabilizer by trapping free radicals formed during the photo oxidation process.

#### Description

Masterbatch concentrate based on LLDPE with 10% HALS UV blend.

#### Applications

HyBoost-289 can be used at varying levels dependent upon film construction, desired longevity and environmental impact upon the base polymer and may be combined with other ingredients for a synergistic effect. In addition HyBoost-289 can be used for all olefins and other polymer systems such as polyacetals, polyamides, polyurethanes and others.

#### General

|                 |                                        |
|-----------------|----------------------------------------|
| Material Status | • Commercial: Active                   |
| Availability    | • North America                        |
| Agency Ratings  | • FDA Food Contact, Unspecified Rating |

### ASTM & ISO Properties<sup>1</sup>

#### Additives General

#### Nominal Value Unit

|                        |                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additives Category     | <ul style="list-style-type: none"><li>• Masterbatch -- Antioxidant / Heat Stabilizer -- Amine / Hindered Amine (HALS)</li><li>• Masterbatch -- UV Protector / Light Stabilizer -- UV Stabilizer -- Hindered Amine (HALS)</li></ul> |
| Carrier Resin          | Polyethylene or ethylene-olefin copolymer (PE)                                                                                                                                                                                     |
| Recommended for Use In | <ul style="list-style-type: none"><li>• Acetal (POM)</li><li>• Polyamide or copolymer (Nylon)</li><li>• Polyethylene or ethylene-olefin copolymer (PE)</li><li>• Polypropylene or propylene-olefin copolymer (PP)</li></ul>        |

#### Additives Physical

#### Nominal Value Unit

|                        |                                        |
|------------------------|----------------------------------------|
| Additive Concentration | 10 %                                   |
| Chemical Description   | Hindered Amine Light Stabilizer (HALS) |

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.