



HYBOOST® 290

Entec Polymers - Antioxidant / Heat Stabilizer Masterbatch

Sunday, November 3, 2019

General Information

Product Description

HyBoost-290 consists of a highly active Hindered Amine Light Stabilizer (HALS) with lengthy history of positive results. HyBoost-290 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 20% HALS UV blend.

Applications

HyBoost-290 can be used at varying levels dependent upon film construction, desired durability and end use environmental conditions. This product may also be combined with other ingredients for a synergistic effect. In addition HyBoost-290 can be used for all olefins and some other polymer systems such as polyacetals, polyamides and polyurethanes.

General

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

ASTM & ISO Properties¹

Additives General	Nominal Value	Unit
Additives Category	• Masterbatch -- Antioxidant / Heat Stabilizer -- Amine / Hindered Amine (HALS) • Masterbatch -- UV Protector / Light Stabilizer -- UV Stabilizer -- Hindered Amine (HALS)	
Carrier Resin	Polyethylene or ethylene-olefin copolymer (PE)	
Recommended for Use In	• Acetal (POM) • Polyamide or copolymer (Nylon) • Polyethylene or ethylene-olefin copolymer (PE) • Polypropylene or propylene-olefin copolymer (PP)	
Additives Physical	Nominal Value	Unit
Additive Concentration	20	%
Chemical Description	Hindered Amine Light Stabilizer (HALS)	

Notes

¹ Typical properties: these are not to be construed as specifications.