

Ravago Compounds HM-286

Low Density Polyethylene

Ravago Manufacturing Americas, LLC

Message:

HM-286 is an antioxidant concentrate used to fortify heat and process stability, where the stabilizers contained in the resin are insufficient for the process or application. This concentrate is also useful as a shutdown/purge compound for operations that do not operate continuously.

Key Features:

Uniform concentration of additives in concentrate

Ease of addition and feeding into extrusion equipment

Directions for Use:

Antioxidant Concentrate: HM-286 is normally added to polyethylene at 1 to 2% to increase oxidative stability, reduce tendency for gel formation, etc.

Shutdown Purge: Before shutdown, the extruder should be cooled down and purged using 100% HM-286 until the HM-286 comes through the die. The extruder should be shut down with the HM-286 in the flow channels. This will prevent oxidation of the polymer in the equipment during shutdown. In many cases HM-274 is a more efficient purge. This product contains a mild scouring agent to clean the metal surface of discolored or pigmented materials.

General Information			
Additive	Antioxidant (10%) 1		
Features	Antioxidant		
	Good Processability		
Uses	Masterbatch		
	Purging Compound		
Agency Ratings	FDA Unspecified Rating		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	2.0	g/10 min	ASTM D1238
Additional Information		Nominal Value	
Polymer Base	LDPE		

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