

Addcomp ADD-MAX® 104 Efficiency masterbatch, LDPE based

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Fields of application: Masterbatch for improvement of production efficiency and product quality.Examples: PP, HDPE and LLDPE cast and blown films, pipes, tubes, wire and cables, blow molding and general extrusion.Mode of action and advantages: ADD-MAX® 104 contains a highly effective additive, which lowers the apparent viscosity of the polymer melt during processing. It reduces the friction between the polymer melt and internal metal surface of the processing equipment which is helpful to increase the production efficiency. Based on existing experience, ADDMAX ® 104 will not influence the mechanical properties of end products, e.g. tensile strength, impact and Long Term Hoop Stress (pipe application).Advantages: Reduction or elimination of die build-up; Reduction of melt-fracture phenomenon; Potentially higher throughputs can be achieved when capacity is available (10%- 30%). For blow molding: reduction of cycle time; Lower extrusion temperature, reduction of energy consumption; Reduction in surface defects and improvement of surface properties (gloss and appearance); Improved gauge control, reduced melt orientation, die-swell and melt-pressure; Faster color changes, reduction of waste and less production interruptions; Keeping-clean the metal surfaces of the extruder, die and filters, less "black spots" in final product; No blooming will appear on the surface of extruded parts; no change in printing and heat-sealing properties; and Non-sticking pellets, dust free dosing. Regulations: ADD-MAX® 104 is very suitable for food packaging products as the active ingredients are in compliance with current food contact regulations.Information provided by ADDCOMP

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addcomp-ADD-MAX-104-Efficiency-masterbatch-LDPE-based.php

Physical Properties	Metric	English	Comments
Bulk Density	0.500 - 0.600 g/cc	0.0181 - 0.0217 lb/in ³	

Processing Properties	Metric	English	Comments
Processing Temperature	<= 300 °C	<= 572 °F	

Descriptive Properties	Value	Comments
Appearance	White granules	
Dosing Level	0.01	starting point
	0.8-2.0%	range

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