



Peyvand Polymer
color & additive masterbatch
پیوند پلیمر

Technical datasheet

Antioxidant Masterbatch

Peyvand AO1101

AO1101 is a general purpose antioxidant masterbatch based based on hindered phenolic and phosphatic antioxidants. This masterbatch is used in polymers to avoid the oxidative degradation at higher processing or application temperature. They improve the processing stability and prolong the life of pipes.

Technical specification

Product processing: Pipe, sheet and other extrusion process for HDPE

Physical Properties of AO1101:

Physical Properties	Value	Test Method
Appearance	Milky Granules	–
content (active ingredient)	10 %	–
Carrier Resin	HDPE	–
Density	1.16±0.02 g/cm ³	ASTM D792
Melt flow index @190°C /2.16kg	10±1 g/10min	ASTM D1238
Usage level	1 %	–
OIT	>30%	-

AO1101

is packed in 25 kg bags. Keep the product in cool & dry place with good ventilation. Away from the direct sunlight, high temperature, rain pour and not under heavy loads.