



Endura® PE-302

PMC Group Polymer Products - Flame Retardant Masterbatch

Saturday, January 18, 2020

General Information

Product Description

Endura® PE-302 is a highly-loaded polybromodiphenyloxy-free polyethylene concentrate which can be let down with low density, linear low density, or high density polyethylene to make a flame-retardant compound suitable for compounding, film and sheet, blow molding, injection molding, or extrusion. Because of its high loading, Endura® PE-302 achieves physical properties comparable to the base resin and modified flammability characteristics with a low letdown ratio. Endura® PE-302 contains active brominated flame-retardants with antimony oxide synergist and stabilizers.

General

Material Status	• Commercial: Active
Availability	• North America

ASTM & ISO Properties ¹

Additives General

Nominal Value Unit

Additives Category	Masterbatch -- Flame Retardant -- Halogen (Br, Cl, F) Compounds
Carrier Resin	Polyethylene or ethylene-olefin copolymer (PE)
Recommended for Use In	Polyethylene or ethylene-olefin copolymer (PE)

Additives Physical

Nominal Value Unit

Test Method

Density	2.19 g/cm ³	ASTM D792
Bulk Density	1220 kg/m ³	ASTM D1895
Maximum Processing Temperature	450 °C	
Chemical Description	Active Brominated Flame Retardants	

Notes

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