



# Endura® PE-302-1

## PMC Group Polymer Products - Flame Retardant Masterbatch

Saturday, January 18, 2020

### General Information

#### Product Description

Endura® PE-302-1 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-302-1 achieves physical properties comparable to the base resin and modified flammability characteristics with a low letdown ratio. Endura® PE-302-1 contains active brominated flame-retardants with antimony oxide synergist and stabilizers.

#### General

Material Status	• Commercial: Active
Availability	• North America

### ASTM & ISO Properties <sup>1</sup>

Additives General	Nominal Value	Unit	Test Method
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 <sup>3</sup>	ASTM D792
Bulk Density	1220	kg/m <sup>3</sup>	ASTM D1895
Maximum Processing Temperature	450	°C	
Chemical Description	Active Brominated Flame Retardants		

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.