



Endura® PP-300

PMC Group Polymer Products - Flame Retardant Masterbatch

Wednesday, April 24, 2024

General Information

Product Description

Endura® PP-300 is a polypropylene-based halogenated flame-retardant concentrate designed to meet UL-94 V-2 flammability criteria in compounding, extrusion, and injection molding applications. Endura® PP-300 offers excellent dispersion of flame-retardant additives and non-blooming characteristics. Endura® PP-300 can be letdown with homopolymer or copolymer resins to produce a compound with a good balance of physical, mechanical and flame-retardant properties. Endura® PP-300 contains active brominated / phosphorus 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	Polypropylene or propylene-olefin copolymer (PP)		
Recommended for Use In	Polypropylene or propylene-olefin copolymer (PP)		
Additives Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm³	ASTM D792
Bulk Density	721	kg/m³	ASTM D1895
Maximum Processing Temperature	450	°C	
Chemical Description	Halogenated Flame Retardant		

Notes

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