

ExTima™ GP MB PET 220

Polyethylene Terephthalate

Ovation Polymers Inc.

Message:

ExTima™ GP is a Graphene/Polymer master batch family of compounds based on a proprietary ExTima technology of Ovation Polymers. Our proprietary ExTima™ dispersion technology maximizes the effect of Nano materials, in this case graphite nano-platelets in polymer.

ExTima™ GP MB PET 220 is a PET/graphene masterbatch based on an injection molding grade PET. This master batch easily blends and disperses using injection molding and extrusion processes while retaining the physical, structural, and thermal properties of the base polymer.

The ExTima™ GP product line is customizable depending on the product application and desired properties. The graphene nanoplatelets sizes can also be varied from 5µm through 25µm.

General Information	
Filler / Reinforcement	Graphene,20% Filler by Weight
Uses	Masterbatch
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) ¹ (265°C/2.16 kg)	15	g/10 min	ASTM D1238
Additional Information	Nominal Value	Unit	
Letdown	30 to 50	%	
NOTE			

1. Base Polymer

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Recommended distributors for this material

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