



## Ebony 5000

### Product Description

Ebony 5000 is generally a polymer comprised of Polyethylene Terephthalate Copolymer and FDA approved Channel and/or Carbon Black, which is acceptable for food contact applications.

### General

**Material Status:** Commercial: Active  
**Availability:** Globally  
**Features:** Crystallinity  
**Uses:** Multiple  
**Processing Method:** Extrusion, Compounding

### Typical Physical Properties

<u>Property</u>	<u>Nominal Value</u>	<u>Unit</u>	<u>Test Method</u>
Bulk Density	850	g/liter	PVI# 150-1
Moisture	0.10	%	PVI# 160-1
Pellets/Gram	50	ppg	PVI# 110-2
Pellet Size	1/8	in	N/A
Pellet Shape	cylinder	N/A	N/A
Blown Film	visual	N/A	PVI# 170-2

<u>Rheological</u>	<u>Nominal Value</u>	<u>Unit</u>	<u>Test Method</u>
Melt Flow Rate (285°C, 2.16 Kg)	0.75	g/10 min	ASTM D1238

#### Comments:

Properties reported here are typical of average lots. PolyVisions makes no representation that the material in any particular shipment will conform exactly to the values given.

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