

## High-Density Polyethylene 90386

HDPE 90386 granules, with high filtration, suitable density, and minimal fillers, are ideal for blow molding, film production, and some injection molding uses. They offer excellent flowability, strength, and impact resistance. As a cost-effective, eco-friendly alternative to virgin HDPE, they enhance efficiency and lower production costs across various industries.

### Technical Properties

Property	Standard	Condition	Result	Unit
<b>MFI</b>	ASTM D1238	5 kg / 190 °C	<b>9</b>	g/10 min
<b>MFI</b>	ASTM D1238	2.16 Kg /190°C	<b>2</b>	
<b>Filler Content</b>	ISO3451/1	600°C/30 min	<b>&lt; 2</b>	%
<b>Density</b>	ISO 1183	23°C	<b>0.94</b>	gr/cm <sup>3</sup>
<b>Izod Impact</b>	ISO 180	2.71J/notched/23°C	<b>4</b>	Kj/m <sup>2</sup>
<b>Tensile strength @Yield</b>	ISO 527	Speed 50 mm/min	<b>27</b>	Mpa
<b>Elongatin @ Yield</b>	ISO 527	Speed 50 mm/min	<b>9</b>	%
<b>Tensile strength @ Break</b>	ISO 527	Speed 50 mm/min	<b>27</b>	Mpa
<b>Elongatin @ Break</b>	ISO 527	Speed 50 mm/min	<b>11</b>	%
<b>Flexural Modulus</b>	ASTM D790	Speed: 1.3mm/min Deflection: 0.5mm	<b>1000</b>	Mpa
<b>Flexural strength</b>	ASTM D790	Speed: 1.3mm/min Deflection: 5.0mm	<b>27</b>	Mpa
<b>VICAT</b>	ASTM D 1525	50 N	<b>70</b>	°c
<b>HDT</b>	ASTM D648	0.45 MPa	<b>84</b>	°c
<b>Hardness</b>	ASTM D 2240	Shore D	<b>63</b>	°c
<b>DSC</b>	ISO 11357/6	10 °C/min N2 50ml/min	<b>Click</b>	°c

- The uncertainty of the test result is based on confidence range of %95 and K=2 which is calculated and

### Commercial Properties

Property	Value	Property	Value
<b>HS Code</b>	390120	<b>Delivery Terms</b>	CFR, CPT, FCA, FOB
<b>MOQ</b>	1000	<b>Packaging</b>	25 kg Bag – 1000 kg Jumbo Bag
<b>ETD</b>	Negotiable	<b>Payment Terms</b>	Negotiable
<b>MSDS</b>	Yes	<b>Marks &amp; Nos</b>	Negotiable
<b>Product Process</b>	Blow Molding	<b>Color</b>	Light cream

## Shipping and Storage Conditions

Away from moisture, sunlight, sharp objects, fire and flame.

### Needs:

[LOI \(Letter of Intent\)](#)

### Other Documents:

You may also need the following documents. Click to download them:

1. [FCO \(Full Corporate Offer\)](#)
2. [PI \(Proforma Invoice\)](#)
3. [CI \(Commercial Invoice\)](#)
4. [PL \(Packing List\)](#)
5. [MSDS \(Material Safety Data Sheet\)](#)

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Business consulting in the field of shipping, customs and logistics

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