



**GRANULE MORVARID YAZD**  
COMPOUNDING & REPROCESSING of PLASTIC MATERIALS

**HDPE POLYETHYLENE**

**GM-FHP-C010**

• Typical Application & Characteristics:

**GM-FHP-C010** Is film grade compound based on the high density polyethylene (HDPE). This grade offers easy processability, very versatile of general-purpose films, packaging films. Suitability for use in any application should be determined by appropriate performance testing.

**Product Description**

ITEM CODE	GM-FHP-C010
Grade	HDPE Polyethylene
Application	Blown Film
Color	Natural

**Typical Data**

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C- 5kg)	gr/10min	ISO 1133	0.4±0.05
Density	gr/cm <sup>3</sup>	ISO 1183	0.945±0.005
Elongation at Break	%	ISO 527	≥700
Tensile Stress at Yield	MPa	ISO 527	≥20
Tensile Strain-MD	MPa	ISO 527	55

**Remarks**

- Package: Plastic Bags 25 ± 0.1 Kg
- Storage: In manner to prevent of a direct exposure of sunlight or heat the storage area should be dry and preferably don't exceed 50 °C. GMY Co. do not give warranty to bad storage conditions lead to quality deterioration and inadequate product performance.
- Typical values: not to be construed as specification limits.
- Technical Disclaimer: The values reported in this technical data sheet are the results of tests carried out in accordance with standard test procedures in a laboratory environment. Actual properties may vary depending on batch and extrusion conditions. Therefore, these values should not be used for specification purposes.

Granule Morvarid Yazd Co. ISO: 9001 -2015 certified  
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**HDPE POLYETHYLENE**

**GM-FHP-C011**

Typical Application& Characteristics:

**GM-FHP-C011** Is film grade compound based on the high density polyethylene (HDPE).This grade offers easy process ability, very versatile of general-purpose films, packaging films. Suitability for use in any application should be determined by appropriate performance testing.

**Product Description**

ITEM CODE	GM-FHP-C011
Grade	HDPE Polyethylene
Application	Blown Film
Color	Natural

**Typical Data**

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C- 5kg)	gr/10min	ISO 1133	0.25±0.05
Density	gr/cm <sup>3</sup>	ISO 1183	0.945±0.005
Elongation at Break	%	ISO 527	≥700
Tensile strength at Yield	MPA	ISO 527	≥20
Vicat Softening Temperature	°C	ISO 306	124

**Remarks**

- Package: Plastic Bags 25 ± 0.1 Kg
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COMPOUNDING & REPROCESSING of PLASTIC MATERIALS

**HDPE POLYETHYLENE**

**GM-FHP-C014**

● Typical Application & Characteristics:

**GM-FHP-C014** Is film grade compound based on the high density polyethylene (HDPE). This grade offers easy process ability, very versatile of general-purpose films, packaging films. Suitability for use in any application should be determined by appropriate performance testing.

**Product Description**

<b>ITEM CODE</b>	<b>GM-FHP-C014</b>
<b>Grade</b>	HDPE Polyethylene
<b>Application</b>	Blown Film
<b>Color</b>	Yellow

**Typical Data**

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C- 5kg)	gr/10min	ISO 1133	0.4±0.05
Density	gr/cm <sup>3</sup>	ISO 1183	0.945±0.005
Elongation	%	ISO 527	≥700
Tensile strength at Yield	M	ISO 527	≥20

**Remarks**

- Package: Plastic Bags 25 ± 0.1 Kg
- Storage: In manner to prevent of a direct exposure of sunlight or heat the storage area should be dry and preferably don't exceed 50 °C. GMY Co. do not give warranty to bad storage conditions lead to quality deterioration and inadequate product performance.
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