



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

**HDPE POLYETHYLENE**

**GM-TB-EX3**

• Typical Application & Characteristics:

**GM-TB-EX3** Is black high density polyethylene compound, for the extrusion process. Suitability for use in any application should be determined by appropriate performance testing.

**Product Description**

ITEM CODE	GM-TB-EX3
Grade	HDPE Polyethylene
Applications	Extrusion Process
Color	Black

**Typical Data**

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C-5kg)	gr/10min	ISO 1133	0.45±0.05
Density	gr/cm <sup>3</sup>	ISO 1183	0.945 ± 0.005
Dispersion	–	ISO 18553	≤3
OIT	Min	ISO11357_6	≥20
Elongation at Break	%	ISO 527	≥700
Carbon Content	%	ISO 6964	2.2 ± 0.2

**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.



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**GM-RE50**

●Typical Application & Characteristics:

**GM-RE50** Is black high density polyethylene compound, for the extrusion process. Suitability for use in any application should be determined by appropriate performance testing.

**Product Description**

ITEM CODE	GM-RE50
Grade	HDPE Polyethylene
Applications	Extrusion Process
Color	Black

**Typical Data**

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C-5kg)	gr/10min	ISO 1133	0.8±0.1
Density	gr/cm <sup>3</sup>	ISO 1183	0.955 ± 0.005
Dispersion	–	ISO 18553	≤3
Carbon Content	%	ISO 6964	2.2± 0.2

**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.



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**GM-RE40**

● Typical Application & Characteristics:

**GM-RE40** Is black high density polyethylene compound, for the extrusion process. Suitability for use in any application should be determined by appropriate performance testing.

**Product Description**

ITEM CODE	GM-RE40
Grade	HDPE Polyethylene
Applications	Extrusion Process
Color	Black

**Typical Data**

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C-5kg)	gr/10min	ISO 1133	1±0.1
Density	gr/cm <sup>3</sup>	ISO 1183	0.955 ± 0.005
Dispersion	–	ISO 18553	≤3
Carbon Content	%	ISO 6964	2.2± 0.2

**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.