



GRANULE MORVARID YAZD
COMPOUNDING & REPROCESSING of PLASTIC MATERIALS

MD/HDPE POLYETHYLENE

GM-RMD-3840-M010

• Typical Application & Characteristics:

GM-RMD-3840-M010 Is polyethylene compound for rotary molding application. Suitability for use in any application should be determined by appropriate performance testing.

Product Description

ITEM CODE	GM-RMD-3840-M010
Grade	MD/HDPE Polyethylene
Application	Rotary Molding
Color	Natural

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C- 2.16 kg)	gr/10min	ISO 1133	3.5±0.2
Density	gr/cm ³	ISO 1183	0.930 ± 0.005
Elongation at Break	%	ASTM D-638	900
Tensile Stress at Yield	MPA	ASTM D-638	15±2
Vicat Softening Point	°c	ASTM D-1525	115

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-RMD-3840-M011

•Typical Application & Characteristics:

GM-RMD-3840-M011 Is white polyethylene compound for rotary molding application. Suitability for use in any application should be determined by appropriate performance testing.

Product Description

ITEM CODE	GM-RMD-3840-M011
Grade	MD/HDPE Polyethylene
Application	Rotary Molding
Color	White

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C- 2.16 kg)	gr/10min	ISO 1133	3.5±0.5
Density	gr/cm ³	ISO 1183	0.938 ± 0.002
Elongation at Break	%	ASTM D-638	900
Tensile Stress at Yield	MPA	ASTM D-638	15±2
Vicat Softening Point	°c	ASTM D-1525	115

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-RMD-3840-M014

●Typical Application & Characteristics:

GM-RMD-3840-M014 Is blue polyethylene compound for rotary molding application. Suitability for use in any application should be determined by appropriate performance testing.

Product Description

ITEM CODE	GM-RMD-3840-M014
Grade	MD/HDPE Polyethylene
Application	Rotary Molding
Color	Blue

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190 °C- 2.16 kg)	gr/10min	ISO 1133	3.5±0.5
Density	gr/cm ³	ISO 1183	0.935 ± 0.005
Elongation at Break	%	ASTM D-638	900
Tensile Stress At Yield	MPA	ASTM D-638	15±2
Vicat Softening Point	°c	ASTM D-1525	115

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.