Ayric Polymer

MD/HDPE POLYETHYLENE RMD_3840_M010

Typical Application & Characteristics:

RMD_3840_M010 is natural polyethylene compound for rotation molding application.Sutability for use in any applications should be determined by appropriate performance testing.

Product Description

ITEM CODE	RMD_3840_M010
Grade	MD/HDPE Polyethylene
Application	rotation Molding
Color	Natural

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-2.16 kg)	gr/10min	ISO 1133	3±0.2
Density	gr/cm³	ISO 1183	0.930±0.005
Elongation	%	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 bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50°c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product

Ayric Polymer

MD/HDPE POLYETHYLENE RMD_3840_M011

Typical Application & Characteristics:

RMD_3840_M011 is white polyethylene compound for rotation molding application.Sutability for use in any applications should be determined by appropriate performance testing.

Product Description

ITEM CODE	RMD_3840_M011
Grade	MD/HDPE Polyethylene
Application	rotation Molding
Color	White

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-2.16 kg)	gr/10min	ISO 1133	3±0.2
Density	gr/cm^3	ISO 1183	0.938±0.002
Elongation	%	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 bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light 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 leads to quality deterioration and inadequate product performace.

Ayric Polymer

MD/HDPE POLYETHYLENE RMD_3840_M014

Product Description

ITEM CODE	RMD_3840_M014
Grade	MD/HDPE POLYETHYLENE
Application	rotation Molding
Color	Blue

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-2.16 kg)	gr/10min	ISO 1133	3±0.2
Density	gr/cm³	ISO 1183	0.938±0.002
Elongation	%	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 bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50°c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

LLDPE POLYETHYLENE FST-T013

Product Description

ITEM CODE	FST-T013
Grade	LLDPE Polyethylene
Application	Blown Film
Color	Natural

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-2.16 kg)	gr/10min	ISO 1133	1±0.05
Density	gr/cm³	ISO 1183	0.920±0.002
Elongation	%	ISO 527	600/900
Tensile Stress at Yield	MPA	ISO 527	11±2
Elmendorf Tear	gr	ASTM D-1922	145/370

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50˚c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

LLDPE POLYETHYLENE FSH-T014

Product Description

ITEM CODE	FSH-T014
Grade	LLDPE Polyethylene
Application	Blown Film
Color	Natural

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-2.16 kg)	gr/10min	ISO 1133	0.7±0.01
Density	gr/cm³	ISO 1183	0.920±0.005
Elongation	%	ISO 527	500/900
Tensile Stress at Yield	MPA	ISO 527	11±2
Vicat Softening Point	°C	ASTM D-1525	93

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50˚c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

HDPE POLYETHYLENE FHP_C010

Product Description

ITEM CODE	FHP_C010
Grade	HDPE Polyethylene
Application	Blown Film
Color	Natural

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-2.16 kg)	gr/10min	ISO 1133	0.35±0.05
Density	gr/cm³	ISO 1183	0.945±0.005
Elongation	%	ISO 527	≥700
Tensile Stress at Yield	MPa	ISO 527	23
Tensile Strain-MD	MPa	ISO 527	55

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50˚c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

HDPE POLYETHYLENE IP100_B

Product Description

ITEM CODE	IP100_B
Grade	HDPE Polyethylene
Application	Extursion Process/Pipe
Color	Black

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-5 kg)	gr/10min	ISO 1133	0.25±0.05
Density	gr/cm^3	ISO 1183	0.955±0.005
OIT	Min	ISO11357-6	≥20
Tensile Stress at Yield	MPA	ISO 527	≥20
Elongation	%	ISO 527	≥700
Carbon Content	%	ISO6964	2.2±0.2

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50˚c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

HDPE POLYETHYLENE IP100_BL

Product Description

ITEM CODE	IP100_BL
Grade	HDPE Polyethylene
Application	Extursion Process/Pipe
Color	Blue

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-5 kg)	gr/10min	ISO 1133	0.25±0.05
Density	gr/cm³	ISO 1183	0.955±0.005
OIT	Min	ISO11357-6	≥20
Tensile Stress at Yield	MPA	ISO 527	≥20
Elongation	%	ISO 527	≥700

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50˚c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

HDPE POLYETHYLENE TB100_EX3

Product Description

ITEM CODE	TB100_EX3
Grade	HDPE Polyethylene
Application	Extursion Process
Color	Black

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-5 kg)	gr/10min	ISO 1133	0.35±0.05
Density	gr/cm³	ISO 1183	0.950±0.005
Dispersion	_	ISO 11553	1±0.1
OIT	Min	ISO11357-6	≥20
Elongation	%	ISO 527	≥700
Carbon Content	%	ISO6964	2.2±0.2

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50˚c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

HDPE POLYETHYLENE RE40

Product Description

ITEM CODE	RE40
Grade	HDPE Polyethylene
Application	Extursion Process
Color	Black

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-5 kg)	gr/10min	ISO 1133	0.8±0.01
Density	gr/cm³	ISO 1183	0.950±0.005
Dispersion	_	ISO 11553	≤3
Carbon Content	%	ISO6964	2.2±0.2

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50˚c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

HDPE POLYETHYLENE BML_F010

Product Description

ITEM CODE	BML_F010
Grade	HDPE Polyethylene
Application	Extursion Process
Color	Natural

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-5 kg)	gr/10min	ISO 1133	1.2±0.01
Density	gr/cm³	ISO 1183	0.950±0.005
Impact strength (23°c)	Mj/mm2	ISO 179/1eA	9_11

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50°c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.

Ayric Polymer

HDPE POLYETHYLENE INJ_B010

Product Description

ITEM CODE	INJ_B010
Grade	HDPE Polyethylene
Application	Injection Molding
Color	Blue

Typical Data

TEST ITEM	UNIT	METHOD	VALUE
MFI (190°C-5 kg)	gr/10min	ISO 1133	8±1
Density	gr/cm³	ISO 1183	0.950±0.005
Impact strength (23°c)	j/m	ASTM D256/A	25

Remarks

Package: Plastic bages 25±0.1kg

Storage: In manner to prevent of direct exposure of sun light or heat the storage area should be dry and preferably don't exceed 50°c. We do not give warranty to bad storage conditions leads to quality deterioration and inadequate product performace.