## KW Plastics KWR101-150

## High Density Polyethylene

**KW Plastics** 

## Message:

Natural Homopolymer High Density Polyethylene Post-Consumer Resin Blow Molding and Extrusion CHARACTERISTICS Natural color, high stiffness, good impact resistance.

Specific Gravity  0.960  g/cm³  ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)  0.60  g/10 min  ASTM D1238  Moisture Content  < 500  ppm  Internal Method  Color L - Hunter Scale  Mechanical  Nominal Value  Unit  Test Method  Tensile Strength (Yield)  25.5  MPa  ASTM D638  Flexural Modulus	Information			
High Density High Stiffness Homopolymer  ROHS Compliance ROHS Compliant  Appearance Natural Color  Forms Pellets  Processing Method Blow Molding Extrusion  Physical Nominal Value Unit Test Method  Specific Gravity 0.960 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238  Moisture Content < 500 ppm Internal Method  Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method  MPa ASTM D638  Flexural Modulus 1140 MPa MPa ASTM D638	l Content	Yes		
RoHS Compliance RoHS Compliant  Appearance Natural Color  Forms Pellets  Processing Method Blow Molding Extrusion  Physical Nominal Value Unit Test Method Specific Gravity 0.960 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238  Moisture Content < 500 ppm Internal Method Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method MPa ASTM D638  Flexural Modulus 1140 MPa ASTM D638		Good Impact Resistance		
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Appearance Natural Color  Forms Pellets  Processing Method Blow Molding Extrusion  Physical Nominal Value Unit Test Method  Specific Gravity 0.960 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238  Moisture Content < 500 ppm Internal Method  Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method  Tensile Strength (Vield) 25.5 MPa ASTM D638  Flexural Modulus 1140 MPa ASTM D790		Homopolymer		
Appearance Natural Color  Forms Pellets  Processing Method Blow Molding Extrusion  Physical Nominal Value Unit Test Method Specific Gravity 0.960 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238  Moisture Content < 500 ppm Internal Method Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 25.5 MPa ASTM D638  Flexural Modulus 1140 MPa ASTM D790				
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Processing Method  Blow Molding Extrusion  Physical  Nominal Value  Unit  Test Method Specific Gravity  0.960  g/cm³  ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)  0.60  g/10 min  ASTM D1238  Moisture Content  < 500  ppm  Internal Method Color L - Hunter Scale  Mechanical  Nominal Value  Unit  Test Method Test Method Tensile Strength (Yield)  25.5  MPa  ASTM D638  Flexural Modulus	nce	Natural Color		
Physical Nominal Value Unit Test Method Specific Gravity 0.960 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238  Moisture Content < 500 ppm Internal Method Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 25.5 MPa ASTM D638  Flexural Modulus 1140 MPa ASTM D790		Pellets		
Physical Nominal Value Unit Test Method Specific Gravity 0.960 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238  Moisture Content < 500 ppm Internal Method Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 25.5 MPa ASTM D638  Flexural Modulus 1140 MPa ASTM D790	ng Method	Blow Molding		
Specific Gravity 0.960 g/cm³ ASTM D792  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238  Moisture Content < 500 ppm Internal Method  Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method  Tensile Strength (Yield) 25.5 MPa ASTM D638  Flexural Modulus 1140 MPa ASTM D790		Extrusion		
Specific Gravity  Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)  Moisture Content  Color L - Hunter Scale  Mechanical  Nominal Value  Unit  Test Method  Tensile Strength (Yield)  1140  MPa  ASTM D792  ASTM D792  MSTM D792  ASTM D792  MSTM D792  MSTM D792  ASTM D792  MSTM D792  ASTM D792  ASTM D792  ASTM D790				
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.60 g/10 min ASTM D1238 Moisture Content < 500 ppm Internal Method Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 25.5 MPa ASTM D638 Flexural Modulus 1140 MPa ASTM D790		Nominal Value	Unit	Test Method
kg)0.60g/10 minASTM D1238Moisture Content< 500	Gravity	0.960	g/cm³	ASTM D792
Moisture Content < 500 ppm Internal Method Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 25.5 MPa ASTM D638 Flexural Modulus 1140 MPa ASTM D790	ss-Flow Rate (MFR) (190°C/2.16			
Color L - Hunter Scale 68.0  Mechanical Nominal Value Unit Test Method Tensile Strength (Yield) 25.5 MPa ASTM D638 Flexural Modulus 1140 MPa ASTM D790		0.60	g/10 min	ASTM D1238
MechanicalNominal ValueUnitTest MethodTensile Strength (Yield)25.5MPaASTM D638Flexural Modulus1140MPaASTM D790	2 Content	< 500	ppm	Internal Method
Tensile Strength (Yield) 25.5 MPa ASTM D638 Flexural Modulus 1140 MPa ASTM D790	Hunter Scale	68.0		
Flexural Modulus 1140 MPa ASTM D790	cal	Nominal Value	Unit	Test Method
	trength (Yield)	25.5	MPa	ASTM D638
Impact Nominal Value Unit Test Method	Modulus	1140	MPa	ASTM D790
·		Nominal Value	Unit	Test Method
Notched Izod Impact No Break ASTM D256A	Izod Impact	No Break		ASTM D256A
Flammability Nominal Value Test Method	oility	Nominal Value		Test Method
Flame Rating (> 0.380 mm) HB UL 94	ating (> 0.380 mm)	НВ		UL 94

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