

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.

General Information	
Recycled Content	Yes
Features	Good Impact Resistance
	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/cm ³	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

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256A

Flammability	Nominal Value	Test Method
Flame Rating (> 0.380 mm)	HB	UL 94

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Recommended distributors for this material

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