

KW Plastics KWR102-M4

High Density Polyethylene

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Message:

Mixed Color Copolymer High Density Polyethylene Post-Consumer Resin

Blow Molding and Extrusion

CHARACTERISTICS

Good Impact Resistance, Available as mixed color or pre-colored black.

General Information			
Recycled Content	Yes		
Features	Copolymer		
	Good Impact Resistance		
Uses	Blow Molding Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
	Colors Available		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	0.43	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	14	%	ASTM D638
Flexural Modulus	896	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Additional Information	Nominal Value	Unit	Test Method
Polypropylene	< 10	%	ASTM D5576
Weight Loss on Heating (105°C)	< 0.10	%	Internal Method

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Recommended distributors for this material

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