

KW Plastics KWR102-150-M10 BLK

Medium Density Polyethylene

KW Plastics

Message:

Medium Density Polyethylene Post-Consumer Resin

Extrusion

CHARACTERISTICS

Good impact resistance, good Flexibility, pre-colored black.

General Information			
Recycled Content	Yes		
Features	Good Flexibility		
	Good Impact Resistance		
	Medium Density		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.945	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.55	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	51		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	17.9	MPa	ASTM D638
Flexural Modulus	586	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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