

KW Plastics KWR105M2-7625

High Density Polyethylene

KW Plastics

Message:

Copolymer High Density Polyethylene Post-Consumer Resin
Injection Molding
CHARACTERISTICS
Superior toughness and superior stiffness.
Available as mixed color and pre-colored black.

General Information			
Recycled Content	Yes		
Features	Copolymer		
	Good Stiffness		
	Good Toughness		
	High Density		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.3	MPa	ASTM D638
Flexural Modulus	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	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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