

KW Plastics KWR102CA17

High Density Polyethylene

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Message:

Copolymer High Density Polyethelene Post-Consumer Resin
Compounded with 17% Calcium Carbonate
CHARACTERISTICS
Increased stiffness, faster processing, improved heat deflection, lower cost.
Available as mixed color and pre-colored black.

General Information	
Filler / Reinforcement	Calcium Carbonate,17% Filler by Weight
Recycled Content	Yes
Features	Copolymer
	Good Stiffness
Appearance	Black
	Colors Available

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	0.44	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	43.7	°C	ASTM D648

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Recommended distributors for this material

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