

# KW Plastics KW 308-SBD

Polypropylene Copolymer

KW Plastics

Message:

Copolymer Polypropylene Post-Consumer Resin  
Injection Molding  
CHARACTERISTICS  
Exceptional impact strength and stiffness.

General Information			
Recycled Content	Yes		
Features	Copolymer		
	Good Impact Resistance		
	Good Stiffness		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Ash Content	15	%	ASTM D256
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.7	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1180	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)	80.0	°C	ASTM D648
Melting Temperature	160	°C	

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Recommended distributors for this material

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