

KW Plastics KW 308A

Polypropylene Impact Copolymer

KW Plastics

Message:

Copolymer Impact Polypropylene Post-Consumer Resin
CHARACTERISTICS
No-break impact strength; available as mixed color or pre-colored black.

General Information			
UL YellowCard	E170594-101309218		
Recycled Content	Yes		
Features	Good Impact Resistance		
	Impact Copolymer		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR)			
230°C/2.16 kg	8.0	g/10 min	ASTM D1238
230°C/2.16 kg	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield	> 20.7	MPa	ASTM D638
Yield	22.0	MPa	ISO 527-2
Tensile Elongation (Yield)	13	%	ASTM D638, ISO 527-2
Flexural Modulus			
--	827	MPa	ASTM D790
--	850	MPa	ISO 178
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)	42.0	°C	ASTM D648
Melting Temperature	160	°C	

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