

# KW Plastics KW 621-T20

Polypropylene Impact Copolymer

KW Plastics

## Message:

Copolymer Impact Polypropylene with 20% Talc Post-Consumer Resin

Injection Molding

CHARACTERISTICS

20% talc reinforced for improved stiffness, heat distortion, shrink rate and cycle time.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Recycled Content	Yes		
Features	Impact Copolymer		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.03	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.2	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.8	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648B
0.45 MPa, Unannealed	116	°C	
1.8 MPa, Unannealed	60.8	°C	

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## Recommended distributors for this material

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