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## Material Data Sheet

**Material:** Carbotex K-20UVR  
**Generic:** Polycarbonate  
**Manufacturer:** Kotec Corporation

<i>Property</i>	<i>Data</i>	<i>Units</i>	<i>ASTM</i>
<b>GENERAL</b>			
Ratings	UL V-2		
Features	General Purpose UV Stabilized Mould Release		
Form	Pellets		
Processing Method	Injection		
Uses			
<b>PHYSICAL</b>			
Melt Flow Rate	23 (300°C/1.2kg)	g/10 min	D-256
Specific Gravity	1.2		D-792
<b>MECHANICAL</b>			
Flexural Modulus	3.13	psi x 10 <sup>5</sup>	D-790
Flexural Strength @ Yield	12.25	psi x 10 <sup>3</sup>	D-790
Tensile Strength @Yield	8.8	psi x 10 <sup>3</sup>	D-790
Tensile Elongation	120	%	D-638
<b>IMPACT</b>			
Notched Izod Impact 1/8 in.	14	ft-lb/in	D-256
<b>HARDNESS</b>			
Rockwell Hardness	115	R-Scale	D-785
<b>THERMAL</b>			
HDT @264 psi-unannealed	270	°F	D-648
<b>FLAMMABILITY</b>			
Flame Rating - UL	V-2		

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