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Material Data Sheet

Material: Carbotex K-20MRA
Generic: Polycarbonate
Manufacturer: Kotec Corporation

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

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