

Kaneka MUH MPC4601

Polycarbonate + ABS

Kaneka Corporation

Message:

Kaneka MUH MPC4601 is a polycarbonate acrylonitrile butadiene styrene (PC ABS) material. This product is available in North America and is processed by injection molding.

The main features of Kaneka MUH MPC4601 are:

- Good processability
- Impact resistance
- Heat resistance

General Information			
Features	Impact resistance, good		
	Good formability		
	Heat resistance, high		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	57.0	MPa	ASTM D638
Tensile Elongation (Break)	100	%	ASTM D638
Flexural Modulus	2500	MPa	ASTM D790
Flexural Strength	87.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.20 mm	330	J/m	ASTM D256
-30°C, 6.40 mm	200	J/m	ASTM D256
23°C, 3.20 mm	620	J/m	ASTM D256
23°C, 6.40 mm	430	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	112	°C	ASTM D648
Additional Information			
Spiral Flow, Kaneka Method, 482°F: 18.1 in			

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Recommended distributors for this material

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