

Kaneka MUH W7401

Acrylonitrile Butadiene Styrene

Kaneka Corporation

Message:

Kaneka MUH W7401 is an acrylonitrile butadiene styrene (ABS) material. This product is available in North America and is processed by injection molding. The main features of Kaneka MUH W7401 are:

- Good processability
- Impact resistance
- Heat resistance
- Typical application areas include:
 - Electrical/electronic applications
 - Automotive Industry

General Information			
Features	Impact resistance, good		
	Good formability		
	Heat resistance, high		
Uses	Electrical/Electronic Applications		
	Application in Automobile Field		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	44.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Flexural Strength	64.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.20 mm	130	J/m	ASTM D256
-30°C, 6.40 mm	130	J/m	ASTM D256
23°C, 3.20 mm	250	J/m	ASTM D256
23°C, 6.40 mm	250	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Additional Information			
Spiral Flow, Kaneka Method, 482°F: 18.5 in			
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	

Drying Time	3.0	hr
Rear Temperature	240 - 260	°C
Middle Temperature	240 - 260	°C
Front Temperature	240 - 260	°C
Processing (Melt) Temp	280	°C
Mold Temperature	50.0	°C

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Recommended distributors for this material

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