

# Kaneka MUH BM5600

Acrylonitrile Butadiene Styrene

Kaneka Corporation

Message:

Kaneka MUH BM5600 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America for blow molding.

Important attributes of Kaneka MUH BM5600 are:

Good Processability

Heat Resistant

Impact Resistant

Typical applications include:

Automotive

Electrical/Electronic Applications

General Information			
Features	Good Impact Resistance		
	Good Moldability		
	High Heat Resistance		
Uses	Automotive Applications		
	Electrical/Electronic Applications		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	44.0	MPa	ASTM D638
Tensile Elongation (Break)	14	%	ASTM D638
Flexural Modulus	2310	MPa	ASTM D790
Flexural Strength	72.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (6.40 mm)	170	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	105	°C	ASTM D648

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