

Kaneka MUH W2015

Acrylonitrile Butadiene Styrene

Kaneka Corporation

Message:

Kaneka MUH W2015 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in North America for injection molding.

Important attributes of Kaneka MUH W2015 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	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	46.0	MPa	ASTM D638
Tensile Elongation (Break)	15	%	ASTM D638
Flexural Modulus	2250	MPa	ASTM D790
Flexural Strength	71.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 6.40 mm	79	J/m	
23°C, 6.40 mm	160	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	3.0	hr	

Rear Temperature	240 to 260	°C
Middle Temperature	240 to 260	°C
Front Temperature	240 to 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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