

UMG WOOD® W900A

Acrylonitrile Butadiene Styrene

UMG ABS, Ltd.

Message:

UMG WOOD® W900A is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific or North America. Primary attribute of UMG WOOD® W900A: RoHS Compliant.

General Information			
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	22.0	cm ³ /10min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	109		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2300	MPa	ISO 527-2
Tensile Stress (23°C)	47.0	MPa	ISO 527-2
Flexural Modulus ¹ (23°C)	2350	MPa	ISO 178
Flexural Stress ² (23°C)	71.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	1.5	kJ/m ²	
23°C	3.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	72.0	°C	ISO 75-2/Af
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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