

ALCOM® MED MABS FC 1000 14033

Methyl Methacrylate / ABS

ALBIS PLASTIC GmbH

Message:

ALCOM® MED MABS FC 1000 14033 is a Methyl Methacrylate / ABS (MABS) product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Medical/Healthcare.

Characteristics include:

REACH Compliant

RoHS Compliant

Antioxidant

Impact Modified

General Information			
Additive	Antioxidant		
	Impact Modifier		
Features	Antioxidant		
	Impact Modified		
Uses	Medical/Healthcare Applications		
	Personal Care		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (220°C/10.0 kg)	2.00	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ISO 527-2
Tensile Stress	46.0	MPa	ISO 527-2
Tensile Strain (Break)	14	%	ISO 527-2
Flexural Modulus	2050	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
--	70	kJ/m²	
-40°C	35	kJ/m²	
-20°C	50	kJ/m²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	94.0	°C	ISO 306/B50
Injection	Nominal Value	Unit	
Drying Temperature - Circulation Dryer	60.0 to 80.0	°C	
Drying Time - Circulation Dryer	2.0 to 4.0	hr	
Processing (Melt) Temp	220 to 260	°C	
Mold Temperature	60.0 to 80.0	°C	

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Recommended distributors for this material

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