

BMC 324

Thermoset Polyester

Bulk Molding Compounds, Inc.

Message:

BMC 324 is a low profile, automotive grade molding compound that is suitable for injection, compression or transfer molding operations. BMC 324 can be metallized directly, without an initial base-coat. BMC 324 can be supplied in logs, slugs or bulk form. Typical applications include automotive headlamp and foglamp reflectors.

General Information			
Uses	Automotive Applications		
Forms	BMC - Bulk Molding Compound		
Processing Method	Compression Molding		
	Injection Molding		
	Resin Transfer Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.90	g/cm ³	ASTM D792
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	50		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.4	MPa	ASTM D638
Flexural Modulus	10300	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Compressive Strength	124	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	240	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	239	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.59 mm)	HB		UL 94

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