

1100

BMC Low Profile Polyester

Technical Data Sheet

Date : January 2020

Description :

BMC 1100 is a not pigmented BMC reinforced with chopped glass fibres (13 mm).
 BMC 1100 is adapted for applications need good flow behaviour and quality surface.

Moulding features (*) :

	Unit		Test method
Reactivity			ISO 12114
• Moulding T°C :	°C	145	
• Thickness :	mm	3,8	
• Cure time :	s	50	
Density		1,90	NFT 51063
Shrinkage	%	-0,05	ISO 1842

(*) Compression moulding

Use recommendations :

Injection molding
 High temperature around 160°C under high pressure 400 bars

Application :

- Outer part for automotive applications
- Spoiler or upper part of tailgate application

COMPOSITION

Product nature	Unit	Ratio
Glass fibres content	%	20
Resins content	%	23
Fillers content	%	55
Other products content	%	2

APPEARANCE

	Unit		
Packaging :	kg	200 in drum	4 drums per palett

MECHANICAL PROPERTIES (*)

	Unit		Test method
Flexural test			ISO 178
- Breaking stress	MPa	150	
- Elastic modulus	MPa	11500	
Impact test (Charpy)	kJ/m ²	60	ISO 179

(*) Compression moulding

OTHER PROPERTIES

	Unit	Test method
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