

3411

AMC Low Shrink Polyester

Technical Data Sheet

Update : January 2020

Description :

AMC 3411 is a black pigmented AMC reinforced with chopped and large glass fibers (25mm and 13mm)

Moulding features (*) :

	Unit	Test method
Reactivity		ISO 12114
• Moulding T°C :	°C	165
• Thickness :	mm	4
• Cure time :	s	25
Density		1,84 NFT 51063
Shrinkage	%	0,028 NF EN 1842

(*) Compression moulding

Use recommendations :

Injection molding.
High temperature around 160°C under high pressure 300 bars

Application :

- . Structural parts for automotive applications
- . Support fender

COMPOSITION

Product nature	Unit	Ratio
Glass fibres content	%	14,5
Resins content	%	24
Fillers content	%	58
Other products content	%	3,5

APPEARANCE

	Unit
packaging	kg 200 in drum 4 drums per palette
Colour	black

MECHANICAL PROPERTIES BY COMPRESSION MOLDING AT 23 °C

Moulding conditions			
Temperature	°C		165
Thickness	mm		4
Curing time	sec		40
Covering	%		60
weight	g		220
		Unit	Test method
Flexural test (*)			ISO 178
- Breaking stress	MPa		150
- Elastic modulus	MPa		11300
- Deviation at break	mm		4,5
Impact test (Charpy)(**)	kJ/m ²		50 ISO 179

(*) Average on the 20 latest production
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OTHER PROPERTIES

	Unit	Test method

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