

# AMC LP 3600

## AMC Low Profile Polyester

### Technical Data Sheet

Date : January 2020

#### Description :

AMC LP 3600 is a not pigmented AMC reinforced with chopped and large glass fibres (25 mm and 13mm).  
 AMC LP 3600 is adapted for applications need good flow behaviour, good surface quality and high mechanical properties.

#### Moulding features (\*) :

	Unit	Test method
Reactivity		ISO 12114
• Moulding T°C :	°C	145
• Thickness :	mm	3,8
• Cure time :	s	43
Density		1,90 NFT 51063
Shrinkage	%	-0,075 ISO 1842

(\*) Compression moulding

#### Use recommendations :

Injection molding  
 High temperature around 155°C under high pressure 300 bars.

#### Application :

- Structural parts for automotive applications
- Inner of Tailgate application

#### COMPOSITION

Product nature	Unit	Ratio
Glass fibres content	%	18
Resins content	%	24
Fillers content	%	57
Other products content	%	1

#### APPEARANCE

	Unit		
Packaging :	kg	200 in drum	4 drums per palett

#### MECHANICAL PROPERTIES (\*)

	Unit	Test method
Flexural test		ISO 178
- Breaking stress	MPa	160
- Elastic modulus	MPa	11500
Impact test (Charpy)	kJ/m <sup>2</sup>	60 ISO 179

(\*) Compression moulding

#### OTHER PROPERTIES

	Unit	Test method
--	------	-------------