

## Declaration of Performance

### Durus® S500 55mm

Adfil nv Industriestraat 39 9240 Zele, Belgium T: +44 1482 863777 info@adfil.com Factory code:	The Notified Body performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control.
02	

AVCP System: 1	Notified Body: 0749
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**Intended use: for structural use in mortar, grout and concrete**

Essential Characteristics	Performance	Tolerance	Standard
Length	55 mm	+/-3 mm	EN 14889-2:2006
Equivalent Diameter	0,7 mm	+/-0,03 mm	EN 14889-2:2006
Aspect ratio	79	+/- 8	EN 14889-2:2006
Elastic Modulus	6000 MPa	-600 MPa	EN 14889-2:2006
Tensile strength	500 MPa	-37,5 MPa	EN 14889-2:2006
<b>Effect on consistency of concrete</b>			
Dosage	4 kg		EN 14889-2:2006
Vebe Time	6 s (5,7 s)		EN 14889-2:2006
<b>Effect on strength of concrete</b>			
Dosage	4 kg		EN 14889-2:2006
Strength @CMOD - 0,5mm	1,6 N/mm <sup>2</sup>		EN 14889-2:2006
Strength @CMOD - 3,5mm	2,1 N/mm <sup>2</sup>		EN 14889-2:2006
<b>Release of dangerous substances</b>			
PP is not classified as dangerous			
<b>Physical Properties</b>			
Polymer	Modified PP		
Class	II		
Shape	Macro Monofilament		

- n.p.d. = no performance determined

\*The tensile test values are based on the external ITT testing at a test speed of 10 mm/min. The fibres were tested after embossing.

The performance of the product identified above is in conformity with the declared performance in above table.

This declaration of performance is issued under the sole responsibility of Adfil nv

Zele, Belgium  
22/02/2019

Jeroen Smet  
Product Manager