

Durus® EasyShot 50

Macro Monofilament



Declaration of Performance

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.

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	50 mm	+/-3 mm	EN 14889-2:2006
Equivalent Diameter	0.8 mm	+/-0,04 mm	EN 14889-2:2006
Aspect ratio	63	+/- 7	EN 14889-2:2006
Elastic Modulus	7400 MPa	-740 MPa	EN 14889-2:2006
Elastic Modulus (before embossing)	11000 MPa	-11000 MPa	EN ISO 2062 (CRE 50% /m)
Tensile strength	600 MPa	-45 MPa	EN 14889-2:2006
Effect on consistency of concrete			
Dosage	4 kg		EN 14889-2:2006
Vebe Time	5.7 s (5 s)		EN 14889-2:2006
Effect on strength of concrete			
Dosage	4 kg		EN 14889-2:2006
Strength @CMOD - 0,5mm	1.9 N/ mm ²		EN 14889-2:2006
Strength @CMOD - 3,5mm	3.2 N/ mm ²		EN 14889-2:2006
Release of dangerous substances			
PP is not classified as dangerous			
Physical Properties			
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.

Zele, Belgium

10/09/2020

Els Van Nimmen
Quality Department

