Durus® EasyFinish

Macro Monofilament

Technical data sheet

Product description

Polymer	Density	Melting Point	Ignition temperature
Modified PP	0,922 kg/dm³	165 °C	> 360°C

Properties

Physical Properties	Standard	Performance	Tolerance
Equivalent Diameter	EN 14889-2:2006	0,7 mm	+/-0,03 mm
Length	EN 14889-2:2006	40 mm	+/-2 mm
Aspect ratio	EN 14889-2:2006	57	+/- 7
Number of fibres per kg		70.423	

Mechanical Properties	Standard	Performance	Tolerance
Elastic Modulus	EN 14889-2:2006	6000 MPa	-600 MPa
Tensile strength	EN 14889-2:2006	500 MPa	-37,5 MPa

Effect on consistency of concrete	Standard	Performance	Dosage
Vebe Time	EN 14889-2:2006	7 s	2,5 kg
Control concrete	EN 14889-2:2006	6 s	

Effect on strength of concrete	Standard	Performance	Dosage
Strength @CMOD - 0,5mm	EN 14889-2:2006	1,5 N/mm²	2,5 kg
Strength @CMOD - 3,5mm	EN 14889-2:2006	2,0 N/mm²	
Plastic Shrinkage reduction	ASTM C1579-13	100 %	4 kg

CE regulation	Standard	Performance
Class	EN 14889-2:2006	II

Version n° 6

Version date : 29/10/2020

Advantages

The product will enhance the toughness of the concrete and alleviate the need for steel mesh or steel fibres when used with the appropriate design and at the recommended dosage.

Mixing instructions

When adding fibres into a cementitious product careful attention must be taken in the batching and mixing procedure in order to achieve optimum results. If you need further details on the recommended mixing instructions, please consult a member of the ADFIL team.

Storage

Fibres must be stored on a clean surface in dry conditions, undercover and away from the possibility of damage.

MSFA

CE 0749

Adfil nv
Industriestraat 39, 9240 Zele, Belgium
info@adfil.com / www.adfil.com