

POLYPROPYLENE FIBERS

DECLARATION OF PERFORMANCE

Declaration number: **POLYPROPYLENE FIBERS**

1.Unique identification code of the product type	POLYPROPYLENE FIBERS
2.Intended use/uses	Crack control of concrete
3.Manufacturer	<i>ISOMAT S.A</i> 17th Km Thessaloniki-Ag. Athanasios 57003 Ag. Athanasios, Greece Plant 001
4.Authorised representative	<i>ISOMAT D.O.O.</i> Prhovacka bb, 22310, Šimanovci, Serbia <i>ISOMAT ROMANIA SRL</i> Str. Islazului Nr.1-5, Pantelimon, 077145 Jud. Ilfov, Romania <i>ISOMAT INTERNATIONAL E.O.O.D.</i> Botevgradsko Shosse No.348. Sofia, Bulgaria <i>ISOMAT GRADBENI MATERIALI D.O.O.</i> Cvetkova ulica 2 9000 Murska Sobota, Slovenia <i>ISOMAT YAPI KIMYASALLARI VE TIC.LTD.STI.</i> <i>ISTANBUL</i> IOSB S. Demirel Bulvan, Heskop Is Modern San. Sit., J Blok Zemin Kat No 20, Basaksehir <i>ООО «ИЗОМАТ»</i> 17, Nauchniy proezd, building 15-3 117246, MOSCOW, Russian Federation <i>ISOMAT DEUTSCHLAND GMBH</i> Karl-Wirth-Strasse 14 D-76694 Forst,Germany
5.System/s of AVCP	System 3

6a.Harmonised standard	EN 14889-2:2006
Notified body/ies	LGA Bautechnik GmbH, Tillystr. 2, Nurburg, Germany (NB 0780)
6b.European Assessment Document	Not relevant
European Technical Assessment	Not relevant
Technical Assessment body	Not relevant
Notified body/ies	Not relevant

7.Declared performance/s			
Essential characteristics	Performance	Test Method	Harmonized Technical Specification
Length	12 ($\pm 10\%$) mm	Optically	EN 14889-2:2006
Diameter	25 ($\pm 10\%$) μm	Optically	
Specific gravity	0.91 g/cm ³	Bibliography	
Melting point	160-170 °C	ISO 11357-3	
Ignition point	570 °C	ISO 11357-3	
Linear density	4.4 ($\pm 10\%$) Dtex	EN ISO 13392	
Number of fibers per kg	120 million	Estimated	
Tensile strength	40 ($\pm 10\%$) cN/tex	EN ISO 2062	
Tensile strength	400 ($\pm 10\%$) N/mm ²	EN ISO 2062	
Tensile elongation	25% ($\pm 10\%$)	EN ISO 2062	
Effect on consistency of concrete (900g/m³)	1.26 sec (VEBE time 10s)	EN 12350-3&4	
Consistence of the reference concrete	1.25 sec (VEBE time 7s)	EN 12350-3&4	
Young modulus or Elasticity modulus	1.6 GPa	Estimated	

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above:

Signed for and on behalf of the manufacturer by:



Konstantinos Iliopoulos
Quality Manager



Georgios Syriopoulos
Certifications & Specifications Manager

Agios Athanasios 20 / 09 / 2022



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