



DECLARATION OF PERFORMANCE
1071-CPR-7043
DoP Nr. FNG50050225

1. **Unique identification code of product-type:** MX-suodatinkangas N5 - 5NG
2. **Product type:** MXF 5NG
Non woven Geotextile, UV-stabilized polypropylene, needlepunched and thermocalendered
3. **Intended use:**
 EN 13249:2016 Roads
 EN 13250:2016 Railways
 EN 13251:2016 Foundations and walls
 EN 13252:2016 Drainage systems
 EN 13253:2016 Erosion control
 Filtration and Separation
 EN 13254:2016 Reservoirs and dams
 EN 13255:2016 Canals
 EN 13256:2016 Tunnels and underground structures
 EN 13257:2016 Solid waste disposals
 EN 13265:2016 Liquid waste disposals
4. **Registered trade name:** Meltex Oy Plastics
5. **Contact address:** Puuppolaantie 111, FI-40270 PALOKKA, Finland.
Tel. +358 (0) 20 777 0010. Fax +358 (0) 20 777 0049.
Email: myynti@meltex.fi
6. **System or systems of assessment:** System 2+
7. **In case of declaration of performance concerning a construction product covered by a harmonized standard:**
 EN 13249:2016 EN 13250:2016 EN 13251:2016 EN 13252:2016 EN 13253:2016
 EN 13254:2016 EN 13255:2016 EN 13256:2016 EN 13257:2016 EN 13265:2016

Notified certification Body No.1071 SINTEF performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+. Certificate no. 1071-CPR-7043.

8. Declared performances:

Essential chracteristics	Test standard	Unit		Nominal value	Tolerance
Wide-Width tensile strength	EN ISO 10319	kN/m	MD	29,0	- 2,9
			CMD	29,0	- 2,9
Elongation	EN ISO 10319	%	MD	40	- 8
			CMD	48	- 9,6
Static puncture resistance	EN ISO 12236	N		4000	- 400
Dynamic perforation test	EN ISO 13433	mm		11	+ 2,75
Suported Pyramidal Puncture Resistance	EN 14574	N		NPD	NPD
Characteristic opening size – O90	EN ISO 12956	µm		70	± 21
Water permeability normal to the plane	EN ISO 11058	m/s		0,025	-0,0075
Water flow capacity in the plane	EN ISO 12958	m²/s	20 kPa - i = 1	NPD	NPD
			100 kPa - i =1	NPD	NPD
			200 kPa - i = 1	NPD	NPD
Durability prediction	EN 13249/57:2016 annex B EN 13265:2016, annex B	To be covered within 2 weeks after installation. Predicted to be durable for more than 100 years in natural soils with 4 < ph < 9 and soil temperature < 25 °C			
Dangerous substances	Less than required by national regulations in EU Member States				

10. The performance of the product identified in point 1 and 2 is in conformity with the declared performances declared in point 8.
 This declaration of performance is issued, in accordance with Regulation (EU) no.305/2011, under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Jaakko Valkonen (Quality and development manager)
 Palokka 17.02.2025

(signature)