

TECHNICAL OVERVIEW

Documented test results, clearly separated from values requiring current TDS confirmation.

COLLECTION FAMILIES

AMANOS · LINEN · MILANO · ATLANTIS · SEALIFE · SANTORINI · IMROZ

700 GSM PREMIUM SERIES

AMANOS · LINEN · MILANO · ATLANTIS · SEALIFE

PROPERTY / METHOD	VALUE / TARGET
Weight TS EN ISO 2286-2	700 gsm
Thickness TS EN ISO 2286-3	1.20 mm
Tensile strength TS EN ISO 1421:2017	387.2 / 459.1 N
Tear strength TS EN ISO 4674-1:2006	72.5 / 48.7 N
Seam strength TS EN ISO 13935-2:2014	210.6 / 350.4 N
Flex resistance TS EN ISO 5402-1:2012	250k dry / 50k wet
Abrasion TS EN ISO 5470-2:2004	Tested to 100k dry cycles
Rubbing fastness TS EN ISO 11640	Change 3-4 to 4-5; stain 4-5
Light fastness ISO 105 B02:1994	7+
Antifungal activity AATCC 30:2013 Test III	Effective
Flammability IMO Resolution A.652(16)	Pass
Tested phthalates CPSC-CH-C1001-09.3:2010	Not detected

650 GSM ESSENTIAL SERIES

SANTORINI · IMROZ · INDICATIVE TARGET VALUES

PROPERTY / METHOD	VALUE / TARGET
Weight TS EN ISO 2286-2	650 gsm
Thickness TS EN ISO 2286-3	1.10 mm
Tensile strength TS EN ISO 1421	300 / 360 N*
Tear strength TS EN ISO 4674-1	60 / 40 N*
Seam strength TS EN ISO 13935-2	180 / 280 N*
Flex resistance TS EN ISO 5402-1	100k dry cycles*
Abrasion TS EN ISO 5470-2	120k dry / 50k wet*
Rubbing fastness TS EN ISO 11640	4 / 5*
Light fastness ISO 105 B02	7+*
Antifungal activity AATCC 30:2013 Test III	Effective*
Flammability IMO Resolution A.652(16)	Pass*
Tested phthalates CPSC-CH-C1001-09.3	Not detected*

DOCUMENTED 700 GSM PERFORMANCE

FX

Flex resistance

250,000 dry cycles
50,000 wet cycles

AB

Abrasion

Tested to
100,000 dry cycles

LF

Light fastness

Grade 7+
ISO 105 B02

AF

Antifungal

Effective
AATCC 30 Test III

FR

Flammability

IMO A.652(16)
Test result: Pass

PH

Tested phthalates

Not detected
Specified test method

IMPORTANT SCOPE NOTE

The reported laboratory results refer to the MARIN sample report dated 2017 and are used for the 700 gsm series.

*650 gsm performance figures are estimated indicative targets, not confirmed laboratory results. Final values, easy-clean, salt-water and water-repellent claims must be confirmed with the current TDS.