

TECHNICAL DATASHEET 2011-581

SOMYSTAT

SOMYST00

<u>Date</u>	22/06/2017 (rev. 30/03/2018)		
<u>Backing</u>	100% Polyamide		
<u>Coating</u>	100% Polyurethane		
<u>Composition</u>	Coating	180	g/m ²
	Backing	165	g/m ²
	Total	345	g/m ² ± 20 g/m ²
<u>Tensile strength</u>	ISO 1421 : 1998	length >40 width >10	daN/ 5 cm daN/ 5 cm
<u>Tear strength</u>	ISO 4674-01 : 2003	length >3,0 width >3,0	daN daN
<u>Seam resistance</u>	ISO 13935-1 : 2014	length >20 width >20	daN/ 5cm daN/ 5cm
<u>% Elongation under 30N/5cm</u>	ISO 1421 : 1998	length >25 width >50	% %
<u>Coating to fabric adhesion</u>	ISO 2411 : 2000	>3,0	daN/ 5cm
<u>Flex resistance</u>	ISO 5402 1 : 2003	no quality loss after 200000	
<u>Hydrostatic head</u>	ISO 1420 : 1978	>200 cm	Tight to house dust mites
<u>Electrical resistance of rubber</u>	ISO 2878 : 2011	2,18 x 10 ⁴ Ω	Centexbel 16.05448.01 (02/11/2016)
<u>Hydrolysis</u>	Jungle test	no loss of quality after 3 weeks	
<u>Water Vapour Permeability</u>	ASTM E96 : 2005	>500 g/m ² /24 h	Ugent 16-1197-01 (25/11/2017)
<u>Properties after autoclave treatment 50x120°C/20'</u>		all conform	
<u>Antibacterial</u>	Ultra-Fresh Thomson Research (Valid license available) active ingredient = 3-iodo-2-propynyl butylcarbamate According to the Biocidal Products Regulation (EU) No 528/2012, it's mandatory to communicate this to your customers		
<u>Biocompatibility</u>	ISO 10.993-10 : 2010	OK	Bioserv 2014010110 (31/01/2014)
<u>Cytotoxicity</u>	ISO 10.993-5 : 2009	OK	Bioserv 2014010110 (31/01/2014)
<u>Standard 100 by OEKO-TEX</u>	Class 1 (Valid certificate available)		



Cleaning

We recommend to clean this article with water and soap only. Cleaning products containing alcohol, solvent, bleach or abrasive products can damage this product.

Disinfecting

On request a list of approved disinfectants can be sent. Plastibert takes no responsibility for damage if other products are used.

Care

ISO/FDIS 3758 : 2005



Shrinkage after washing: < 4%
Antimicrobial effect can be reduced by washing
Alcohol in high concentrations might damage this article.

Other

This article is HF weldable, this should however be tested on your equipment.

Remarks

All the specifications given in this document have been tested in accredited laboratories or in our own laboratory using officially calibrated measuring equipment.

This datasheet is valid for five years after the date of publication. However, we guarantee that the item has been produced with the same ingredients and ISO-9000 procedures were strictly complied with. In the event that any modifications may have been applied during this period, all the properties were retested.

The items delivered comply with the specifications stated in this datasheet. In principle, we do not guarantee properties or characteristics that are not included in it.

Slight colour variations between deliveries are possible. We recommend that you always process items from different deliveries separately.
This item complies with the most recent REACH specifications.

APPROVAL : CEO

