

senosan [®]		3000X and 3000BM	
TECHNICAL DATASHEET	EDITION: 03	DATE: 30-08-07	file: 3000_E.doc

CONSTRUCTION: Multilayer composite made of a main extrusion ABS layer and a coextruded high glossy, high chemical and stress-cracking resistant, impact modified PMMA top layer. Meets the requirements of EN 13559. Antibacterial reacting surface and easyglide[®] back side.

CHARACTERISTICS	UNIT	VALUE		TEST METHOD			
		3000X	3000BM	ISO	DIN	ASTM	
Density *)	g/cm ³	1,1	1,1	1183	53 479		
Tensile modulus	Mpa	2100	2150	527			
Yield stress	Mpa	38	40	527			
Elongation at break	%	25	25	527			
Charpy impact strength	(23°C)	kJ/m ²	20	20	179/1fn		
	(-30°C)	kJ/m ²	-	-	179/1fn		
Charpy impact strength	(23°C)	kJ/m ²	25	23	179/1ep		
	(-30°C)	kJ/m ²	-	-	179/1ep		
Charpy notched impact strength	(23°C)	kJ/m ²	-	-	179/1epA		
	1,82 Mpa	°C	100	100	75		
HDT (Heat Distortion Temperature)		°C	80	80			
Max. long time application temperature		°C	185 – 195	185 – 195			
Thermoforming Temperature range		%	0,5 – 0,8	0,5 – 0,8			
Moulding shrinkage							
Burning rate **)	nom. 1,6 mm		HB		1210		UL94
Additional	high glossy surface						

The technical characteristics are measured on the semi finished product. Deviations caused by varying colours and processing tolerances cannot be quantified.

*) Calculated on polymer raw materials used in the semi finished product.

***) Tested on polymer raw materials used in this product

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