

CODE

4660 Bianca

TRADE NAME

White EPDM Sheet for food contact

POLYMER:

EPDM

Ethylene-propylene

CHARACTERISTICS

UNITS OF MEASURE

SPECIFICATIONS

VALUES

TOLERANCE

HARDNESS (H):	Sh.A3	ASTM D 2240	60	± 5
TENSILE STRENGTH (CR)	MPa	ASTM D 412C	11	min.
ELONGATION AT BREAK (AR)	%	ASTM D 412C	550	min.
TEAR STRENGTH	N/mm (.)	ASTM D 624B	25	min.
ABRASION RESISTANCE	mm ³	DIN 53516		
SPECIFIC GRAVITY	g/cm ³	DIN 53479	1,16	± 0,03

AGEING	Δ H	Sh.A3		5	
In: Air	Δ CR	%	ASTM D 573	- 10	
For: 72 h	Δ AR	%		- 30	
At: 100 °C	Δ V	%			
AGEING	Δ H	Sh.A3			
In: Ozone	Δ CR	%	ASTM D 1149		
For: 70 h	Δ AR	%			
At: 30 °C- 100 pphm- all.50	Δ V	%			
AGEING	Δ H	Sh.A3		-5	
In: Water	Δ CR	%	ASTM D 471		
For: 72 h	Δ AR	%			
At: 100 °C	Δ V	%		+ 8	

WORKING TEMPERATURES

In Air	°C	ASTM D 573	min:	- 25	max:	+ 100
In Oil	°C	ASTM D 471	min:		max:	
In Water	°C	ASTM D 471	min:		max:	+100

MAIN CHARACTERISTICS

Elasticity	Compression	Abrasion	Flame	Fuels	Ozone
POOR	POOR	POOR	POOR	UNSUITABLE	EXCELLENT