



# JB Rubber & Industrie BV

## Rubber sheet SBR Wit FDA

GOVT. RECOGNISED EXPORT HOUSE				
TECHNICAL SPECIFICATIONS				
QUALITY : SBR FOOD GRADE CODE : SB 60150 FG				
PROPERTIES	TEST METHOD	VALUES		VALUES
		FPS UNITS	TEST METHOD	
SPECIFIC GRAVITY	DIN 53508	1.5 ± 0.05	ASTM D297	1.5 ± 0.05
HARDNESS	DIN 53505	60 ± 5 Sh A	ASTM D2240	60 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	855 PSI	ASTM D412	60 kg/cm <sup>2</sup>
ELONGATION AT BREAK ( min )	DIN 53504	300%	ASTM D412	300%
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	40%	ASTM D395 METHOD B	40%
TEAR RESISTANCE ( Angular ) min	DIN 53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR ( 72 hrs. AT 70 °C )			ASTM D573	
--- HARDNESS (Pts)		+ 5 (Max)		+ 5 (Max)
--- TENSILE STRENGTH (%)		+ 10 / -15		+ 10 / -15
--- ELONGATION AT BREAK (%)		+ 10 / -15		+ 10 / -15
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRMOIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
IN IRM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
IN IRM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
CHEMICAL RESISTANCE				
--- OZONE		NOT RECOMMENDED	ASTM D 1149	NOT RECOMMENDED
--- DILUTE ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30 ° to + 70°C		-30 ° to + 70°C
COLOUR			Off-White	

