

TECHNICAL SPECIFICATIONS

SILICONE RUBBER SHEET 60SH A

Food quality according to FDA and EC1935/2004.

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUE METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.20	ASTM D297	1.20
HARDNESS	DIN 53505	60 +/-5 Sh A	ASTM D2240	60 +/-5 Sh A
TENSILE STRENGTH (min)	DIN53504	853PSI	ASTM D412	60 kg/cm2
ELONIGATION AT BREAK (min)%	DIN53504	250%	ASTM D412	250%
COMPRESSION SET (70°C/24 hrs/25% set) (max)%	DIN53517	45%	ASTM D395 METHOD B	45%
TEAR RESISTANCE (Angular) min	DIN53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72hrs at 70°C)	ASTM D573		ASTM D573	
HARDNESS (pts)		+ 3 (max)		+ 3 (max)
TENSILE STRENGTH (%)		+ 5/-5		+5/-5
ELONIGATION AT BREAK (%)		+5/-5		+5/-5
VOLUME SWELL: at 70°C for 72hrs HRS/IN	ASTM D471		ASTM D471	
IRM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
OZONE	ASTM D 1149	EXCELLENT		EXCELLENT
DILUTED ACIDS AND BASES		EXCELLENT		EXCELLENT
CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
OILS		NOT RECOMMENDED		NOT RECOMMENDED
SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-90°C to +230°C		-90°C to +230°C
COLOUR		TRANSPARENT BLUE RED		TRANSPARENT BLUE RED

CONTACT

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