

TECHNICAL SPECIFICATIONS

PASTILLMATTAN NR 70Sh

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUE METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	150	ASTM D297	150
HARDNESS	DIN 53505	70 +/-5 Sh A	ASTM D2240	70 +/-5 Sh A
TENSILE STRENGTH (min)	DIN53504	711PSI	ASTM D412	50 kg/cm2
ELONGATION AT BREAK (min)%	DIN53504	250%	ASTM D412	250%
ABRASION RESISTANCE MAX	DIN53516	300mm3		300mm3
COMPRESSION SET (70°C/24 hrs/25% set) (max)%	DIN53517	30%	ASTM D395 METHOD B	30%
TEAR RESISTANCE (Angular) min	DIN53515	112 Lbs/Inch	ASTM D624	20 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72hrs at 70°C)			ASTM D573	
HARDNESS (pts)		+ 5 (max)		+ 5 (max)
TENSILE STRENGTH (%)		+ 20/-20% (Max)		+20/-20% (Max)
ELONGATION AT BREAK (%)		+25/-25% (Max)		+25/-25% (Max)
VOLUME SWELL: at 70°C for 72hrs HRS/IN			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		NOT RECOMMENDED	ASTM D 1149	NOT RECOMMENDED
DILUTED ACIDS AND BASES		FAIR		FAIR
CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
OILS		NOT RECOMMENDED		NOT RECOMMENDED
SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-30°C to +70°C		-30°C to +70°C

CONTACT

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