



Coru154 Abrasion Resistant Natural Rubber Sheeting

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	0.98 +- 0.05	DIN 53508	0.98 +- 0.05
HARDNESS	ASTM D2240	35 +- 5 SH A	DIN 53505	35 +- 5 SH A
TENSILE STRENGTH (MIN)	ASTM D412	2850 PSI	DIN 53504	200 KG/CM2
ELONGATION AT BREAK (MIN)	ASTM D412	600%	DIN 53504	600%
ABRASION RESISTANCE (MAX)	ASTM D5963	100 MM3	DIN 53516	100 MM3
COMPRESSION SET (70°C/24 HRS/25% SET) (MAX)	ASTM D395 METHOD B	30%	DIN 53517	30%
TEAR RESISTANCE (ANGULAR) MIN	ASTM D624	140 LBS/INCH	DIN 53515	25 KG/CM
CHANGE IN PROPERTIES				
HEAT AGEING (72 HRS. AT 70 °C)	ASTM D573			
--- HARDNESS (PTS)		+ 5 (MAX)		+ 5 (MAX)
--- TENSILE STRENGTH (%)		+ 10 / - 15		+ 10 / - 15
--- ELONGATION AT BREAK (%)		+ 10 / - 25		+ 10 / - 25
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471			
IRM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
IRM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
CHEMICAL RESISTANCE				
--- OZONE	ASTM D 1149	FAIR		FAIR
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-25° TO + 70°C		-25° TO + 70°C
COLOUR		RED		