



Coru150 Tan Natural Rubber Shotblast Grade 45° shore

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.20 ±0.05	ASTM D297	1.20 ±0.05
HARDNESS	DIN 53505	45 ± 5 SH A	ASTM D2240	45 ± 5 SH A
TENSILE STRENGTH (MIN)	DIN 53504	1425 PSI	ASTM D412	100 KG/CM2
ELONGATION AT BREAK (MIN)	DIN 53504	400%	ASTM D412	400%
ABRASION RESISTANCE (MAX)	DIN 53516	150 MM3	ASTM D5963	150 MM3
COMPRESSION SET (70°C/24 HRS/25% COMPRESSION) (MAX)	DIN 53517	35%	ASTM D395 METHOD B	35%
TEAR RESISTANCE (ANGULAR) MIN	DIN 53515	140 LBS/INCH	ASTM D624	25 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 / - 20		+ 10 / - 20
--- ELONGATION AT BREAK (%)		+ 10 / - 20		+ 10 / - 20
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL 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		FAIR	ASTM D 1149	FAIR
--- DILUTE 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		-25° TO + 70° C		-25° TO + 70° C
COLOUR		TAN		