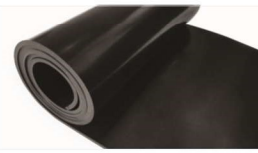
IVOL / VIVOL
Habraken 2327
5507TK, Veldhoven
The Netherlands
+31402542823
info@ivol.nl

GOVERNMENT OF INDIA RECOGNISED EXPORT HOUSE

सत्यमेव जयते

C 80 COIN MAT

PRODUCT CODE –



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.50 ±0.05	ASTM D297	1.50 ±0.05
HARDNESS	DIN 53505	70 ± 5 Sh A	ASTM D2240	80 ± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	711 PSI	ASTM D412	50 kg/cm2
ELONGATION AT BREAK (min)	DIN 53504	250%	ASTM D412	250 %
ABRASION RESISTANCE MAX	DIN 53516	300 mm3		300 mm3
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	30 %	ASTM D395 METHOD B	30 %
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 (%)		+ 20 / - 20		+ 20 / - 20
--- ELONGATION AT BREAK (%)		+ 25 / - 25		+ 25 / - 25
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		NOT RECOMMENDED		NOT RECOMMENDED
IN IRM OIL NO.902		NOT RECOMMENDED		NOT RECOMMENDED
IN IRM OIL NO.903		NOT RECOMMENDED		NOT RECOMMENDED
CHEMICAL RESISTANCE				
--- OZONE		NOT RECOMMENDED	ASTM D 1149	NOT RECOMMENDED
--- 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		-30° to + 70° C		-30 ° to + 70° C
COLOR		BLACK		BLACK
MAT DESIGN	COIN MAT			

Nc ict wr ist . Actual pro ve product enhanc it.*

ISO14001 : 2015 ISO 9001 : 2015 45001:2018 DSIR NABL RoHS COMPLIANT REACH COMPLIANCE FDA Australian Water Quality Centre WRAS Water Regulations Advisory Scheme AEO भारतीय सीमा शुल्क INDIAN CUSTOMS