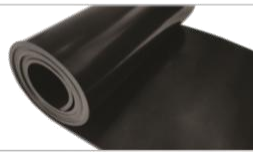
ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.
Quality Rubber Solutions

GOVERNMENT OF INDIA RECOGNISED EXPORT HOUSE

CSFR 70155 COIN MAT

PRODUCT CODE –CSFR 70155



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	-	1.55 ± 0.05	ASTM D297	1.55±0.05
HARDNESS	ISO 48-4	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
TENSILE STRENGTH (min)	ISO 37	711 PSI	ASTM D412	50 kg/cm 2
ELONGATION AT BREAK (min)	ISO 37	250 %	ASTM D412	250 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	ISO 815-1	40 %	ASTM D395 METHOD B	40 %
TEAR RESISTANCE (Angular) min	ISO 34-1	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/-15		+10/-15
--- ELONGATION AT BREAK (%)		+10/-20		+10/-20
VOLUME SWELL : AT 70°C FOR 72 HRS			ASTM D 471	
IN IRM OIL NO.901		+ 27%		+ 27%
IN IRM OIL NO.902		+ 30%		+ 30%
IN IRM OIL NO.903		+ 80%		+ 80%
CHEMICAL RESISTANCE				
--- OZONE		GOOD	ASTM D 1149	GOOD
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
--- OILS		GOOD		GOOD
--- SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-30° to + 120° C		-30 ° to + 120° C
COLOR		BLACK		BLACK

Note: All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement.*

ISO14001 : 2015 ISO 901 : 2015