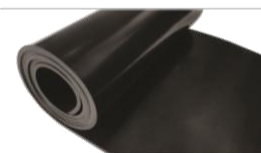


# DDFR 70155 DIAMOND MAT

## PRODUCT CODE – DDFR 70155



### TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.55 ± 0.05	ASTM D297	1.55±0.05
HARDNESS	DIN 53505	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	711 PSI	ASTM D412	50 kg/cm 2
ELONGATION AT BREAK ( min )	DIN 53504	250 %	ASTM D412	250 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	40 %	ASTM D395 METHOD B	40 %
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/-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.\*