

# DDHT 60125 DIAMOND MAT

## PRODUCT CODE – DDHT 60125



### TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.25±0.05	ASTM D297	1.25 ±0.05
HARDNESS	DIN 53505	60 ± 5 Sh A	ASTM D2240	60 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	1777 PSI	ASTM D412	125 kg/cm 2
ELONGATION AT BREAK ( min )	DIN 53504	350%	ASTM D412	350 %
ABRASION RESISTANCE ( max )	DIN 53516	140 mm <sup>3</sup> (10 N)	ASTM D5963	140 mm <sup>3</sup> (10 N)
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	30 %	ASTM D395 METHOD B	30 %
TEAR RESISTANCE ( Angular ) min	DIN 53515	168 Lbs/Inch	ASTM D624	30 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/-25		+10 /- 25
--- ELONGATION AT BREAK (%)		+10/-25		+10 /- 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		FAIR	ASTM D 1149	FAIR
--- DILUTE ACIDS AND BASES		NOT RECOMMENDED		NOT RECOMMENDED
--- 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

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

