

AMGP 65150 AMOEBA MAT

PRODUCT CODE – AMGP 65150



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	-	1.59 ± 0.05	ASTM D297	1.59 ± 0.05
HARDNESS	ISO 48-4	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
TENSILE STRENGTH (min)	ISO 37	497 PSI	ASTM D412	35 kg/cm2
ELONGATION AT BREAK (min)	ISO 37	250%	ASTM D412	250 %
COMPRESSION SET (70°C/22 hrs/25% compression) (max)	ISO 815-1	30 %	ASTM D395 METHOD B	30 %
TEAR RESISTANCE (Angular) min	ISO 34-1	112 Lbs/Inch	ASTM D624	20 Kg/cm
ABRASION RESISTANCE (max)	ISO 4649	300 mm ³ (10 N)		300 mm ³
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		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, BLUE GREEN, YELLOW,RED		BLACK, BLUE GREEN, YELLOW,RED
MAT DESIGN	AMOEBA MAT			

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



