



# AMOU 65130 AMOEBA MAT

PRODUCT CODE – AMOU 65130



## TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES FPS UNITS
SPECIFIC GRAVITY	DIN 53508	1.30 ± 0.05	ASTM D297	1.30 ± 0.05
HARDNESS	DIN 53505	65 ± 5 Sh A	ASTM D2240	65 ± 5 Sh A
TENSILE STRENGTH ( min )	DIN 53504	1138 PSI	ASTM D412	80 kg/cm 2
ELONGATION AT BREAK ( min )	DIN 53504	250%	ASTM D412	250 %
COMPRESSION SET (70°C/24 hrs/25% compression) (max)	DIN 53517	50 %	ASTM D395 METHOD B	50 %
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 % (Max)		+ 20 % (Max)
--- ELONGATION AT BREAK (%)		+ 30 % (Max)		+ 30 % (Max)
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 – 200 PPHM 48 H 40°C	ISO 1431-1	NO CRACKS	ASTM D 1149	NO CRACKS
--- DILUTE ACIDS AND BASES		GOOD		GOOD
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		NOT RECOMMENDED		NOT RECOMMENDED
--- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-35° to + 130° C		-30 ° to + 130° C
COLOR		BLACK		BLACK

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



ISO140 01 : 2015



ISO 9001 : 2015



45001:2018



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Water Regulations Advisory Scheme



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