

AMEI-E 75150 AMOEBA MAT

PRODUCT CODE – AMEI-E 75150



TECHNICAL SPECIFICATIONS

PROPERTIES	TEST METHOD	VALUES	
		FPS UNITS	FPS UNITS
SPECIFIC GRAVITY	-	1.50 ± 0.05	ASTM D297 1.50 ± 0.05
HARDNESS	ISO 48-4	75 ± 5 Sh A	ASTM D2240 75 ± 5 Sh A
TENSILE STRENGTH (min)	ISO 37	1138 PSI	ASTM D412 60 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	50 %	ASTM D395 METHOD B 50 %
TEAR RESISTANCE (Angular) min	ISO 34-1	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, GREY	BLACK, GREY

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