JONES&VINING

Emax EVA
Enhanced Abrasion Resistance

Highlights of J&V's performance EVA include:

- 1 **Single-density injection molded available in three performance and hardness levels**
- 2 **Superior abrasion resistance, comparable to PU rubber**
- 3 **Deep cavity and fine mold design capabilities.**

Overview
Developed for high-abrasion and shock-absorbing outsoles and midsoles, Emax is a high-performance and lightweight microcellular cushioning system developed and formulated exclusively by Jones & Vining as a superior alternative to traditional EVA.

Material Standard of Emax Performance EVA

Test Item	Unit	Test Result				Test Method
		1000 Reg	1000 Soft	500 Reg/Soft	250 Reg/Soft	
Hardness	Shore C	70 ± 3	55-60	55-60/65-70	55-60/ 65-70	ASTM-D2240
Specific Gravity	N/A	0.24-0.29	0.24-0.28	0.24-0.29	0.24-0.29	ASTM-D297
Tensile Strength	kg/cm2	>25	>20	>20	>20	ASTM-D412
Elongation	%	>250	>280	>250	>250	ASTM-D412
Tearing	kg/cm2	>12	>10	>10	>10	ASTM-D624
Split Tear	kg/cm2	>3	>2.5	>2.5	>2.5	KS-08
Compression Set	%	<60	<60	<60	<60	ASTM-D1917
Shrinkage	%	<2	<2	<2	<2	ASTM-D1917
Resiliance	%	>38	>38	>38	>38	CNS-3561
DIN Abrasion	N/A	<150	<160	<200	<250	DIN-53516
Belt Flex	N/A	50K Flex Without Cracking	100K Flex Without Cracking	50K Flex Without Cracking	50K Flex Without Cracking	TM133-90

Additional Specs	
Molding Methods	Injection or Compression
Minimum Thickness	Injection: 4mm, Compression: 3mm
Colors Available	Can match any Pantone #. Note that there is a 1500 pairs per color, per order minimum for Injection Emax

Other Notes	
Lead Time	Samples: 2-3 weeks. Production: 4-6 weeks