

MASTICORD

STRUCTURAL BEARING PAD

MASTICORD, the reliable, economical and engineered random oriented fiber (ROF) bearing pad from **JVI**!

Benefits

- High Quality
- Cost Effective
- Complete Design Guide
- Significant Rotational Capacity
- Capable of Allowing for Horizontal Movement
- High Allowable Compressive Stress Based on Test Data



Properties	ASTM Test Method		
Hardness (Shore A)	ASTM D 2240	75	(± 5)
Tensile Strength	ASTM D 412	1,000 PSI	Min.
Elongation	ASTM D 412	40%	Min.
Heat Aging Change in Hardness Change in Tensile Strength Change in Elongation	ASTM D 573	± 10 points ± 25% ± 25%	Max. Max. Max.
Tear Strength	ASTM D 624	400 lb/in	Min.
Compression			
Minimum Ultimate	ASTM D 575	8,000 PSI	
Initial minimum cracking strain		40%	
Volume Change (IRM 903 Oil Swell)	ASTM D 471	120%	
Ozone Resistance	ASTM D 1149 50 hrs @ 100° F ozone concentration of 80 pphm - tear strength	300 lb/in	Min.
Shear Modulus (G)	Reference ASTM D 4014 & ASTM D 5992 @ 70° F under a uniform compressive stress of 500 PSI, 1,000 PSI, and 1500 PSI. The specimen is cycled (6) times at 50% strain. For each stress limit, the chord modulus is taken between two points, approximately 50% strain, from the 6th cycle calculated from ASTM D 4014, Section A1.5.2	230 PSI	(± 30 PSI)



Your Connection Connection

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