

Product Data Sheet

GRM Random Oriented Fiber

Benefits:

High compressive load
Provides isolation between rigid structural members
Available in many thicknesses
Manufactured in America

Design Data:

Compressive loading up to 10,000psi



Specifications:

Homogenous blend of virgin and masticated elastomer reinforced with synthetic and natural fibers

1/8", 1/4", 3/8" & 1/2" thickness available

Typical Physical Properties:

Properties	Test Method	Typical Result	
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	ASTM D-573	±10 pts.	Max.
Change in Tensile Strength		±25%	Max.
Change in Elongation		±25%	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 (Oil Swell)	ASTM D-471	120%	
Ozone Resistance	ASTM D-518 (50hrs at 100°F and 8.0ppb Ozone - Tear Strength)	300 lb/in	Min.
Shear Modulus	ASTM D-5992	170 psi	(± 50psi)

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