



RWM Inc.

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Specifications For Glass Fiber Reinforced Gypsum (GFRG)

Matrix	U.S.G. Hydrocal gypsum cement (FGR-95)
Consistency	15 - 30 c.c.
Glass fiber content	40% by volume
Flexural Strength	3,200 - 4,000 p.s.i.
Modulus of Elasticity In Flexure	2.1 - 2.2 x 10 ⁵ p.s.i.
Ultimate Tensile Strength	1,200 - 1,400 p.s.i.
Modulus of Elasticity In Tension	2.7 - 3.8 x 10 ⁶ p.s.i.
Impact Strength	8.0 - 8.8 ft. lb./in. ²
Thermal Conductivity	4.0 - 4.2 btu/hr. x ft. ² °F
Specific Heat	0.253 btu/lb. x °F
Flammability	0.0 Flame Spread 0.0 Smoke Contribution
Rockwell Hardness	M72
Density	103 - 112 lb./ft. ³

For more information on our Glass Fiber Reinforced Gypsum (GFRG), please contact us at 1.855.RWM.ARTS (796.2787—toll free) or info@rwm-inc.com.