



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

E5HBM “Red” Ball

Item:	E5HBM “Red” Ball
Description:	E5HBM is the workhorse frac ball suitable for 90% of ball-related applications. E5HBM frac balls are an advanced composite stratified laminate product. We test our composite balls in their weakest and strongest orientations equally. Statistically, 97% of the time a ball lands on a seat it will be in the strong orientation.

Engineering Properties

Key Characteristics			Units - English (SI)	Typical Values
Batch			--	40627361
Water Absorption			%	0.04
Flexural Strength	Cond A	LW	psi	60,414
		CW	psi	54,104
Flexural Modulus	Cond A	LW	psi	3,188,399
		CW	psi	3,147,614
Flexural Strength		LW	psi	50,537
E1/150 T150		CW	psi	47,371
Flexural Modulus		LW	psi	3,051,678
E1/150 T150		CW	psi	2,990,701
Bond Strength	Cond A		lbs	2,213
	D48/50		lbs	1,851
Impact Strength	E48/50	LW	in/ft-in	14.04
		CW	in/ft-in	10.29
Specific Gravity				1.93
Tensile Strength		LW	psi	43,080
		CW	psi	37,063
Compressive Strength	Cond A		psi	81,899
Compressive Modulus	Cond A		psi	824,918