



## High Alumina Wear Resistance Liners (CUMITUFF)

S.No	Attributes	unit	value		
			CUMITUFF 85	CUMITUFF 90	CUMITUFF 92
1	Alumina Content	%	85	90	92
2	Density	g/cc	3.3	3.55	3.65
3	Colour	-	White	White	Pale Ivory
4	Flexural Strength	MPa	230	270	320
5	Rock well Hardness	R45N	70	75	78
6	Vickers Hardness(HV10)	Kg/mm2	-	1030	1125
7	Vickers Hardness(HV5)	Kg/mm2	-	1060	1150
8	Vickers Hardness(HV1)	Kg/mm2	-	1400	1480
9	Vickers Hardness(HV0.5)	Kg/mm2	-	1460	1517
10	Fracture Toughness	MPa.m0.5	3-4	3-4	4-5
11	Thermal Expansion Coefficient (25 - 1000°C)	1X10-6/°c	7.4	8.0	8.1
12	Rubber Wheel Abrasion test	*	1.0	0.35	0.26



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