

- Excellent thermal insulation
- Fire resistance
- Sound absorption
- Moisture resistance
- Lightweight
- Dimensionally stable

TECHNICAL DETAILS									
S.no	Characteristics	Reference specification	Value						
1.	Thermal Conductivity (Density: 128 kg/cum)	IS 8183	Mean Temp.	50	100	150	200	250	300
			k value (W/mK)	0.036	0.042	0.051	0.06	0.071	0.081
2.	Maximum Service Temp	IS 8183	Upto 750°C						
3.	Leachable Chlorides Content	ASTM C871	10 ppm max						
4.	Surface Burning Characteristics	ASTM E84	FSI: 0, SDI: 0						
	Shot Content	IS 8183	250 Micons - 15% Max, 500 Microns - 5% Max						
5.	Incombustibility (Loss of Weight %)	IS 8183	5 Max						
6.	Moisture Content (% weight)	IS 8183	2 Max						
7.	Moisture Absorption (% weight)	IS 8183	2 Max						
8.	Fibre Dia (microns)	IS 8183	7 Max						
9.	Sulphur Content	IS 8183	0.6 % Max						
10.	Recovery after Compression	IS 8183	90% Min						
11.	Alkalanity (pH)	IS 8183	7-10						
12.	Heat Resistance	IS 8183	No Fusion of Fibres						
13.	Resin Content		2 % Max						
14.	Chloride Content		10 ppm Max						
15.	Compressive Strength at 10% Deformation		250 kg/sqm Min						
16.	Linear Shrikage		2% Max						