

Simvac Speciality Boards

Technical Datasheet

Type		Simvac MS		Simvac US	
Classification Temperature	(°C)	1260			
Density	(kg/m ³)	415-500		720 min.	
Linear Shrinkage (At 1200 °C x 24 hrs.)	(%)	3.5 max		0.5 max	
Hardness	shore-A	50 min		75 min	
Moisture	(%)	10 max		10 max	
Modulus of Rupture	(kg/cm ²)	<i>Thickness 25 mm</i>			
		14 min		33 min	
Compressive Strength	(kg/cm ²)	<i>Thickness 25 mm</i>			
		10% deform	25% deform	10% deform	25% deform
		5 min	10.5 min	20 min	--
Chemical Composition	(%)				
Al ₂ O ₃		37 - 41		48 - 52	
SiO ₂		57.5 – 61.5		39 - 42	
Fe ₂ O ₃ + TiO ₂		<1		<1	
Other		<1		<1	
L.O.I % at 1000°C		3 - 6		7 - 10	

Note:- All data represents typical results of standard tests conducted under controlled conditions. As such, the information is intended only as a general guide for specifications and design estimates.