

Duratec® 750

Duratec® 750 is calcium silicate board made in a density range from 1400 to 1800 kg/m³. Duratec®750 has outstanding thermal and electrical properties with high dielectric strength and arc resistance.

Properties	Units	
Compressive strength (cold)	MPa	55
Bending strength	MPa	23
Electrical strength (flatwise)	KV/m	7300
Arc resistance, stage 40	S	>420
Shrinkage @ 750 °C, 12 h	%	0,25
Thermal Conductivity	W/m K @ 200°C	0,362
	W/m K @ 400°C	0,368
	W/m K @ 600°C	0,375
	W/m K @ 750°C	0,384
Specific heat capacity	kJ/kg K	1,05
Reversible thermal expansion	m/m K	6,6 * 10 ⁻⁶
Comparative tracking index	CTI-value	>500
Classification temperature	°C	1000
Density	g/cm ³	1,4
LOI	%	7,3
Colour	-	White

Availability:

Duratec® 750 can be delivered as sheet cut-offs and finished parts.

Sheet: Size: 1220 x 2520 mm
 Thickness: 12, 15, 20, 25, 50 mm

Parts: Finished products conform drawing