

Typical Properties of Rigid Felts

Material: felts

Fiber Type		PAN -based	Rayon- based	Pitch-based	
Bulk density		0.15~0.25	0.13~0.15	0.18~0.2	g/cm ³
Electrical	∥ direction	860	820	780	mΩ · cm
resistivity	⊥ direction	73	68	73	
Flexural strength		0.91	0.82	0.89	MPa
Compressive strength		0.08	0.07	0.07	MPa
Thermal	1000°C	<0.4	<0.2	<0.2	W/m · K
conductivity	1500°C	<0.6	<0.3	<0.4	
Ash content		<500	<300	<300	ppm
Upper limit temperature		2000 °C	2000 °C	2000 °C	

Standard dimensions

		Unit mm			
Length	X	Width	X	Thickness	
1500	X	1200	X	30	
1500	X	1200	X	40	
1500	X	1200	X	50	
1500	X	1200	X	200	
OD	X	Height	X	Thickness	
2100	X	1200	X	200 max	