

# DATA SHEET GRAPHITE

SPECIFICATION		UNIT	CYLINDER	
			RIGID GRAPHITE FELT	
			COVERED WITH GRAPHITE FOIL	COVERED WITH CFC
Bulk Density		(g/cm <sup>3</sup> )	0,25	0,25
Carbon		%	99 min	99 min
Thermal Conductivity		1150°C W/m.k	0,20 - 0,30	0,20 - 0,30
Folding Strength		Mpa	1,3 - 3,0	1,75 - 3,2
Flexible strength		Mpa	1,0 - 2,5	1,5 - 3,0
Crushing Stress at 10% Compression		N/cm <sup>2</sup>	0,4	0,7
Ash Content		PPM	200 max	200 max
Processing Temperature		°C	2500	2500
Operating Condition	In the air	°C	400 max	400 max
	In the vacuum	°C	2500 min	2500 min
	In the inert atmosphere	°C	3200	3200



**CTPS** |

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