TOKAI CARBON EUROPE

Tokai Carbon – Extruded Graphite Grade

FE250G

1. Typical Properties

Specific Gravity	g/cm^3	1.75
Specific Resistance	μΩm	8.0
Young's Modulus	GPa	n/a
Flexural Strength	MPa	24.5
Tensile Strength	MPa	n/a
Hardness	Shore	35
C.T.E	$x\ 10^{-6}/oC$	3.3
Thermal Conductivity	W/mK	174
Pore Size	μm	4-6
Porosity	%	17-20
Grain Size	μm	0.8
Gas Permeability	cm^2/sec	n/a

EE/FE250G is an extruded grade graphite that has been specially treated to improve its resistance to oxidation.

All properties measured room temperatures except for C.T.E.
C.T.E. = Coefficient Thermal Expansion (R.T. to 1000oC)
Flexural Strength determined using third point loading
All properties are typical values and are not to be used for specification limits

gtma MEMBER

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