

FERROTRON 559 H

Proven concentrator material with high electrical resistivity and strength.
Almost constant magnetic permeability over a range of magnetic flux densities and frequencies (10-3000 kHz). Material has excellent mechanical strength and machinability.

Properties	Units	Ferrotron 559 H
Product Identification Color		Grey
Density ± 2%	g/cm ³	5.9
Operating Frequency Range	kHz	10-3000
Major Frequency Range	kHz	50-1000
Initial Permeability		16
Maximum Permeability		18
Saturation Flux Density	Tesla	1
Temperature Resistance	Centigrade	250 Long Term 300 Short Term
Resistivity	kOhmcm	>15
Thermal Conductivity	W/cm C	0.04

