

**Surface Area/Reactivity Characteristics of Iron Materials
Available for Remediation**

Iron Type	Manufacturer	Approximate Surface Area
Iron Filings	Several	Near Zero ⁽¹⁾
Reduced Iron	Connelly, Peerless, Pyron	0.1 – 0.2 m ² /g ⁽¹⁾
Carbonyl Iron Powder	BASF, ISP, Kennametal	0.4 – 0.9 m ² /g ⁽¹⁾
Reduced Oxide	Toda Kyogo	5.0 m ² /g ⁽¹⁾
Reactive Iron Powder	OnMaterials	3.0 - 6.0 m ² /g ⁽¹⁾
PolyMetallix Nanoscale Iron	Polyflon	37.0 - 58.0 m²/g ⁽²⁾

(1) Surface Area Data from OnMaterials, LLC website

(2) PolyMetallix Surface Area Data from Lehigh University Particle Characteristics Study