

TECHNICAL DATA SHEET

SUBSTANCE: - MAGNETITE Fe₃O₄



Supplier Details

Supplier Name : Phoenix Amalgams Pvt. Ltd
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PHOENIX MAGNETITE	
TYPICAL “AS RECEIVED” CHEMICAL PROPERTIES	
Element*	Percent
Fe	68-71 %
Fe ₃ O ₄	95.5-98 %
SiO ₂	1.5-2.5 %
Al ₂ O ₃	0.15-0.35 %
CaO + MgO	0.20 %
Na ₂ O + K ₂ O	0.25 %
S	0.02 %
P	0.03 %
*Percent by weight dry basis	
TYPICAL “AS RECEIVED” PHYSICAL PROPERTIES	
APPARENT BULK DENSITY (LBS./FT ³)	175
SPECIFIC GRAVITY GM/CC	4.9 – 5.1 %
PERCENT MAGNETICS (DAVIS TUBE ANALYSIS)	95-98 % + / - 1 %
PERCENT PASSING – 325 SIEVE / 45 MICRON	88 % +/- 2 %

This above PSA is standard but can be customized according to customer’s requirements.