



Ferrophos[®] Pigment (FeP-Fe₂P) CAS Registry Number 12751-22-3

Specifications:	Fine**	Superfine	Microfine
Particle Size, Microns*	HRS 3435	HRS 2131	HRS 2132
- Top Particle Size (99% less than)	180	32	26
- Typical Median Size	18	5	4

* Coulter Model LS-100Q wide range laser diffraction grain-size analyzer

** Special order only – not maintained in inventory.

Physical Properties:

Appearance	Fine, dark gray, odorless powder
Specific Gravity	6.53
Bulking Value	54.5 lb/gal
Apparent (Bulk) Density	19 lb/gal (146 lb/ft ³)
Knoop Hardness Value	1044
Autoignition Temperature	260 – 288°C (500 – 550°F)

	HRS 2131	HRS 2132
Oil Demand (gm Linseed Oil/100 gm Fe ₂ P)	8.9	10.1

Typical Composition:

FeP	18 – 39%
Fe ₂ P	49 – 62%
FeSi	6 – 18%

Other Major Components:

Manganese	1%
Titanium	0.7%
Water	0.1%



Glenn Springs Holdings, Inc.
Phosphorus and Phosphorus Derivatives
2480 Fortune Drive, Suite 300
Lexington, Kentucky 40509
800/699-0336

IMPORTANT: The information presented herein, while not guaranteed, was prepared by technical personnel and is true and accurate to the best of our knowledge. No warranty or guarantee, express or implied, is made regarding performance, stability or otherwise. This information is not intended to be all-inclusive as the manner and conditions of use, handling, storage and other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, a recommendation to infringe any existing patents or to violate any Federal, State or local laws.