

# Motive Power Expanders

## PRODUCT TECHNICAL DATA

### **USES:**

Fork Lift Trucks, Sweepers/Scrubbers, Golf Cars and Mining Equipment.

### **DESCRIPTION:**

Formulated to provide outstanding battery performance at moderate discharge rates with very high depths of discharge.

### **PHYSICAL PROPERTIES:**

Odor..... Vanilla or wood pulp like  
 Color..... Grey to Black  
 Consistency..... Powder  
 Addition to Paste Mix..... Dry  
 Density..... Varies by formula

### **BAG SIZES AND WEIGHT RANGES:**

Small..... 6 lbs. – 13.2 lbs.  
 Medium..... 12 lbs. – 27.9 lbs.  
 Large..... >18 lbs.

### **SELECTION GUIDE:**

Application	Expander Type	Composition	Ash Content	Addition Rate
Fork Lift Trucks Sweepers/Scrubbers Golf Cars Mining Equipment	HE-115	Blanc Fixe Barytes Carbon Black Sodium Lignosulfonate Wood Flour	89.0 ± 2.5%	2.00%
	HE-120	Blanc Fixe Carbon Black Sodium Lignosulfonate	77.8 ± 2.5%	2.00%
	HE-1511	Blanc Fixe Barytes Carbon Black Sodium Lignosulfonate	88.6 ± 2.5%	2.00%

### **IMPURITIES:**

Element	Typical (ppm)	Maximum (ppm)
Iron	100	200
Copper	100	170
Nickel	5	10
Manganese	5	10



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