



Product Technical Specification Sheet

Product Name: PROMELT MAG 30

Physical Characteristics:

No.	Properties	Test Method	Typical Values	Specification	
				min	max
1	Appearance	-	Clear Amber	-	-
2	pH, deicer 1+4	ASTM D-1293	7.4	6.0	9.0
3	Specific Gravity (15°C 60°F)	ASTM D-1429	1.290	1.280	1.300
4	Weight (lbs/gal)	ASTM D-1429	10.76	10.68	10.85
5	Freeze Point Temperature	PNS	-17°C 1°F	-	-
6	% Freezer Settable Solids	PNS	<1.0	0.0	1.0
7	% Solids Passing #10 Sieve	PNS	>99.0	99.0	100.0
8	Total Dissolved Solids	-	30.0	29.0	34.0

Chemical Characteristics:

No.	Properties	Test Method	Typical Values	Specification	
				min	max
9	% Magnesium Chloride	PNS	30.0	29.0	31.0
10	% Sodium Chloride	PNS	-	0.0	1.0
11	% Calcium Chloride	PNS	-	0.0	1.0
12	% Potassium Chloride	PNS	-	0.0	1.0
13	Arsenic (ppm)	EPA 200.7	<1.0	0.0	5.0
14	Barium (ppm)	EPA 200.7	<0.5	0.0	100.0
15	Cadmium (ppm)	EPA 200.7	<0.05	0.0	0.2
16	Chromium (ppm)	EPA 200.7	<0.5	0.0	1.0
17	Copper (ppm)	EPA 200.7	<0.1	0.0	1.0
18	Cyanide (ppm)	EPA 335.4	<0.05	0.0	0.2
19	Lead (ppm)	EPA 200.7	<0.5	0.0	1.0
20	Mercury (ppm)	EPA 245.1	<0.02	0.0	0.05
21	Selenium (ppm)	EPA 200.7	<1.0	0.0	5.0
22	Zinc (ppm)	EPA 200.7	<0.1	0.0	10.0
23	Phosphorus (ppm)	EPA 365.4	15.9	0.0	2500.0