

## Rare Earth

### • concentrate

Prices	Average	Change ▲	Unit	Date
RE Carbonate				
28000.00 ~ 30000.00	29000.00	0.00	RMB/mt	Jul 12,2019

### • rare earth oxides

Prices	Average	Change ▲	Unit	Date
Lanthanum Oxide				
12000.00 ~ 12500.00	12250.00	0.00	RMB/mt	Jul 12,2019
Cerium Oxide				
12000.00 ~ 12500.00	12250.00	0.00	RMB/mt	Jul 12,2019
Praseodymium Oxide				
400000.00 ~ 410000.00	405000.00	0.00	RMB/mt	Jul 12,2019
Neodymium Oxide				
322000.00 ~ 327000.00	324500.00	0.00	RMB/mt	Jul 12,2019
Samarium Oxide				
12000.00 ~ 13000.00	12500.00	0.00	RMB/mt	Jul 12,2019
Europium Oxide				
220.00 ~ 230.00	225.00	0.00	RMB/kg	Jul 12,2019
Gadolinium Oxide				
175000.00 ~ 180000.00	177500.00	0.00	RMB/mt	Jul 12,2019
Terbium Oxide				
4030.00 ~ 4080.00	4055.00	0.00	RMB/kg	Jul 12,2019
Dysprosium Oxide				
1910.00 ~ 1930.00	1920.00	0.00	RMB/kg	Jul 12,2019
Erbium Oxide				

Prices	Average	Change ▲	Unit	Date
195000.00 ~ 200000.00	197500.00	0.00	RMB/mt	Jul 12,2019
Yttrium Oxide				
21000.00 ~ 22000.00	21500.00	0.00	RMB/mt	Jul 12,2019
Didymium Oxide				
320000.00 ~ 325000.00	322500.00	0.00	RMB/mt	Jul 12,2019
Holmium oxide				
400000.00 ~ 410000.00	405000.00	0.00	RMB/mt	Jul 12,2019

- rare earth metals

Prices	Average	Change ▲	Unit	Date
Lanthanum				
35000.00 ~ 36000.00	35500.00	0.00	RMB/mt	Jul 12,2019
Cerium				
34000.00 ~ 35000.00	34500.00	0.00	RMB/mt	Jul 12,2019
Praseodymium				
700000.00 ~ 720000.00	710000.00	0.00	RMB/mt	Jul 12,2019
Neodymium				
410000.00 ~ 420000.00	415000.00	0.00	RMB/mt	Jul 12,2019
Terbium				
5230.00 ~ 5330.00	5280.00	0.00	RMB/kg	Jul 12,2019
Dysprosium				
2350.00 ~ 2450.00	2400.00	0.00	RMB/kg	Jul 12,2019
Yttrium				
230.00 ~ 240.00	235.00	0.00	RMB/kg	Jul 12,2019
Cerium Misch				
33000.00 ~ 35000.00	34000.00	0.00	RMB/mt	Jul 12,2019
Lanthanum cerium metal (battery grade)				

Prices	Average	Change ▲	Unit	Date
35000.00 ~ 36000.00	35500.00	0.00	RMB/mt	Jul 12,2019
Pr-Nd Alloy				
410000.00 ~ 420000.00	415000.00	0.00	RMB/mt	Jul 12,2019
Battery Grade Misch				
140000.00 ~ 150000.00	145000.00	0.00	RMB/mt	Jul 12,2019
Dy-Iron Alloy				
1910000.00 ~ 1930000.00	1920000.00	0.00	RMB/mt	Jul 12,2019
Holmium ferroalloy				
420000.00 ~ 430000.00	425000.00	0.00	RMB/mt	Jul 12,2019