

# NYC Products



## I. Products

Oxide and Compounds



Alloy



Metal



## II. Applications for rare earth

● ...Oxide    ● ...Compounds    ● ...Metal

		Y	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Sc
Optics	Phosphors	●	●	●				●	●	●	●	●		●		●		●
	Lasers • YAG • GGG	●				●				●								●
	Optical Glass	●	●							●							●	
	Optical Fibers	●	●							●							●	●
Magnetism	Permanent Magnets	●		●	●	●		●		●		●	●			●		
	Photomagnetic Recordings					●				●	●	●						
	YIG	●	●							●							●	●
	Magnetostrictive Alloys										●	●						
Electronics	PTC	●								●								
	Capacitors	●	●		●	●		●		●		●	●	●				
Energy	Hydrogen Storage Alloys		●	●	●	●												
	Fuel Cells	●	●	●	●			●		●							●	
	Batteries	●															●	
	Nuclear Reactor Control Rods								●	●		●						
Ceramics	Engine Parts	●										●						
	Oxygen Sensors	●															●	
	Machine Tools	●										●					●	
	Sintering Additives	●																
	Refractories	●																
Catalysts	Petroleum Cracking		●	●														
	Exhaust Gas Control		●	●		●												
Metallurgy	Pyrophor Metals		●	●	●	●												
	Heat-Resistant Alloys	●	●	●	●	●												
	Steel Additives	●	●	●	●	●												
Medical	MRI Contrast Medium									●								
	X-ray Scintillator			●	●					●	●							
	PET	●								●							●	
Others	Crystal Glass	●	●	●		●								●				
	Abrasives		●	●	●	●												
	Artificial Jewels	●				●				●								
	Thermal Spraying	●														●		
	Colorizing • Decolorizing				●	●									●			