

Some successful chemical applications of REVE technology (Atochem, Eurecat, Goodyear, ...)

Zinc carbonate:	thermal decomposition at 300°C
Calcium carbonate:	pre-heating
Catalysts:	gas/solid reactions at 650°C, impregnation, drying, stripping under controlled atmospheres, regeneration, cooling, passivation, pre-heating
Absorbents:	cooling under controlled atmospheres
PET:	drying
Synthetic rubber:	solvent stripping
Soap powders:	heat treatment
Sand:	thermal desorption of hydrocarbon pollutants
Kaolin:	drying, pre-heating
Dyes:	pre-heating
Sodium chlorate:	pre-heating
Molybdenum oxide:	high temperature reactions under controlled atmosphere
Zirconium oxide:	high temperature reactions under controlled atmosphere
Zinc oxide:	calcination
Nickel oxide:	calcination
Alumina:	high performance drying (residual water content < 0,2%), decomposition, transport under controlled atmospheres
Medical powders:	drying under controlled atmospheres
Mercury waste:	reactions at 650°C