

# We are Nano Pars We Invent the Method

Nano Pars is specialized in manufacturing Nano-particles and Nano catalysts specifically for Refining, Petroleum, Food and Pharmaceutical Industries. The company is launched as a research project in 2007 with the aim of exploring the possibilities of domestic production of petrochemical catalysts, joining scholars from different fields. After 5 years the research group succeeded in patenting an alternative method of producing Nano particles. since then, Nano Pars expanded its operations both as a producer of catalysts and provider of technical and productivity based solutions. The company is a sole manufacturer of significant number of catalysts including Hydrogenation, Dehydrogenation, Oxychlorination, Isomeration, Reduction, Guards and Gauze for Iranian market.

# Overview of Our Products

Catalysts

HydroPars ™

DehydroPars ™

OxyPars ™

GuardPars ™

GauzePars ™

RedPars ™

IsoPars ™

Supports

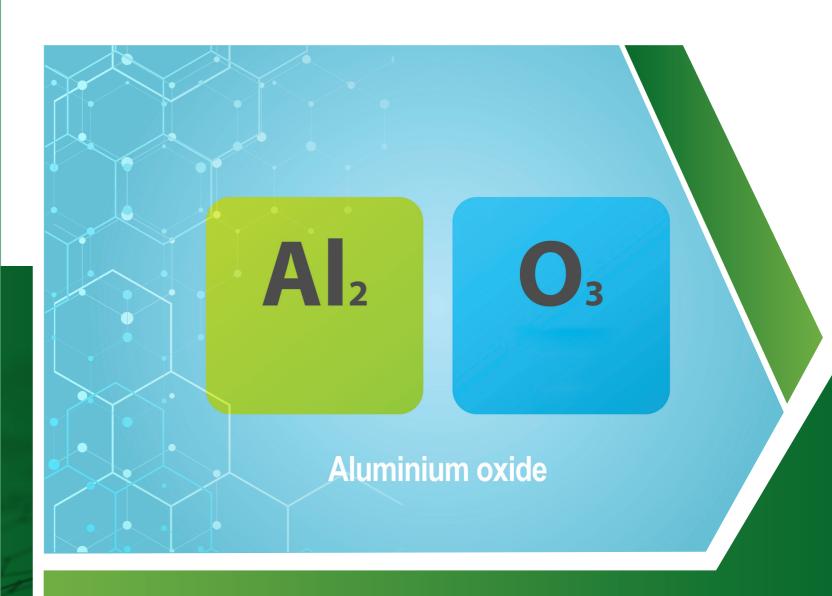
SupPars ™

More information in this catalogue

NANO
PARS SPADANA

# -SupPars ™

**Optimized Catalyst Supports** 





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# Nano Gamma Alumina Support of catalysts

Activated Alumina for catalyst support and adsorbent

## Nano Pars Technology

- Excellent surface area resulting in high activity
- ♣ High Chemical Strength
- \* Excellent porosity parameters
- ❖ High fracture toughness
- \* Excellent abrasion resistance
- ❖ Thermal stability



# Our portfolio

Туре	S1A	S1B	S1C	S1D
Form	Extrude	Powder	Micro spherical Powder	Spherical
Size (µm)	Variant	25-125 (µm)	3-6 (mm)	3-6 (mm)
Color	White	White	White	White
Surface Area (m2/g)	120-220	120-350	1250-350	1250-350
Al2O3 %	Min 99	Min 99	Min 99	Min 99

✓We can provide this Product with your specific parameters

# Nano Alpha Alumina Support of catalyst

Activated Alumina for catalyst support and adsorbent

## Nano Pars Technology

- Highly homogenious particles
- ♣ Highly dispersed particles

## Our portfolio

Туре	S2A
Form	powder
Size (µm)	~50
Color	White
Surface Area (m²/g)	50-120
Al <sub>2</sub> O <sub>3</sub> %	Min 99

<sup>✓</sup>We can provide this Product with your specific parameters



#### Reference:

• "We certify nano scale structure of SupPars"

## Tech-Market services corridor – 2022



