

## 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 <sup>TM</sup>

DehydroPars <sup>TM</sup>

OxyPars <sup>TM</sup>

GuardPars <sup>TM</sup>

GauzePars <sup>TM</sup>

RedPars <sup>TM</sup>

IsoPars <sup>TM</sup>

#### Supports

**SupPars <sup>TM</sup>**

More information in this catalogue

**NANO**  
PARS SPADANA

**SupPars <sup>TM</sup>**

Optimized Catalyst Supports

**Al<sub>2</sub>**

**O<sub>3</sub>**

Aluminium oxide

**NANO**  
PARS SPADANA

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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

Type	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 (m <sup>2</sup> /g)	120-220	120-350	1250-350	1250-350
Al <sub>2</sub> O <sub>3</sub> %	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 homogenous particles
- ✦ Highly dispersed particles

### Our portfolio

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

✓We can provide this Product with your specific parameters



### Reference:

- "We certify nano scale structure of SupPars"

## Tech-Market services corridor – 2022

