

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, Oxy-chlorination, Isomeration, Reduction, Guards and Gauze for Iranian market.

Overview of Our Products

Catalysts

HydroPars TM

DehydroPars TM

More information in this catalogue

OxyPars TM

GuardPars TM

GauzePars TM

RedPars TM

IsoPars TM

Supports

SupPars TM

NANO
PARS SPADANA

DehydroPars TM Series

High Performance Dehydrogenation Catalysts

-H₂

NANO
PARS SPADANA

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Alkane Dehydrogenation Catalyst

Designed to limit irreversible deactivation

- ✦ Long active phase
- ✦ Enhanced selectivity
- ✦ Near optimum conversion

Nano Pars Technology

- High mechanical strength resulting in low attrition rate



Our portfolio

Type	D1A-Ex	D1A-Tr	D1A-Sp
Form	Extrudate	Trilobed	Spherical
Size (mm)	Variant	Variant	Variant
Surface Area (m ² /g)	150-220	150-250	150-250
Al ₂ O ₃ %(after1000C)	Min 99	Min 99	Min 99
Pt %	0.18-0.55	0.18-0.55	0.18-0.55
Promoters	Variant	Variant	Variant

✓We can provide this catalyst with your specific parameters

Methyl-Ethyl-Ketone Dehydrogenation Catalyst

Designed to have Maximum selectivity

- ✦ Enhanced activity
- ✦ Minimum by-products

Nano Pars Technology

- Higher surface area resulting in higher activity



Our portfolio

Specification	
D2A-Ta	Type
Tablet	Form
5-8	Size-Length(mm)
5-8	Size- Diameter(mm)
Brown	Color
40-160	Surface Area(m ² /g)
Balance	Al ₂ O ₃ %
15-45	CuO%
2-15	%ZnO
25-55	SiO ₂ %
Variant	Promoters

✓We can provide this catalyst with your specific parameters