

**RedPars™**

Selective Catalytic Reduction Solutions



**NANO**  
PARS SPADANA

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## Reference:

- “ We certify the Nano scale structure of RedPars™ “



## Tech-Market services corridor – 2022



## RedPars™

Selective Catalytic Reduction Solutions

### Nano Pars Technology

- Operating in a wide temperature range
- Improved resistance to Hydrocarbon poisoning
- Increased life cycle



## Our portfolio

Type	R1A-Ex
Form	Extrudate
Size-diameter(mm)	4-5
Size- Length(mm)	5-10
Color	Greenish Yellow
Surface Area(m <sup>2</sup> /g)	40 ± 5
V <sub>2</sub> O <sub>5</sub> (%wt)	8 ± 1
WO <sub>3</sub> (%wt)	7 ± 0.5
TiO <sub>2</sub> (%wt)	55 ± 5
Promoter(Al <sub>2</sub> O <sub>3</sub> )(%wt)	19 ± 1

✓We can provide this catalyst with your specific parameters

## 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™ More information in this catalogue

IsoPars™

#### Supports

SupPars™

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