Nickel Based Pre-Reforming Catalyst

PREREF-MTJ-02 & PREREF-MTJ-04

Use: Pre-Reforming

PREREF-MTJ-02 Pre-reforming Catalyst, contains nickel as its active ingredient and is applicable to the pre-reforming process procedure that involves using natural gas, refinery gas, LPG, and naphtha as raw materials.

PREREF-MTJ-02 Pre-reforming Catalyst has excellent activity, stability, anti-carbon ability, and mechanical strength. This catalyst is very versatile and it can be used in high space velocity, with operation flexibility. PREREF-MTJ-02 can be offered in either oxidized or reduced form upon request.

- Composition: NiO, Al2/O3+Promoter
- Form: 7-hole-Cylinder, OD: 15-17 mm, Length: 9-11 mm
- Sock-loading Density: 800-900 kg/m3 depending on loading technique
- Crush Strength: 12 kg
- Operating Temperature: Process dependent between 300 and 600 °C

PREREF-MTJ-04 Pre-reforming Catalyst, contains nickel as its active ingredient and is applicable to the pre-reforming process procedure that involves using natural gas, refinery gas, LPG, and naphtha as raw materials.

PREREF-MTJ-04 Pre-reforming Catalyst has the excellent activity, stability, anti-carbon ability, and mechanical strength. This catalyst is very versatile and it can be used in high space velocity, with operation flexibility. PREREF-MTJ-04 can be offered in either oxidized or reduced form upon request..

- Composition: NiO, Al2O3+Promoter
- Form: Cylinder: 4-Hole, OD: 11-12 mm, ID: 2-4 mm, Length: 7-9 mm
- Sock-loading Density: 850-1150 kg/m3 depending on loading technique
- Crush Strength: 10.0 kg
- Operation Temperature: Process dependent between 350 and 600 °C

Figure 1 - PREREF-MTJ-02

Figure 2 - PREREF-MTJ-04

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