

E 235 T RS

Nickel Fixed Bed Catalyst

BASF catalyst E 235 T RS a strong 40% nickel containing alumina tablet that is sold in reduced-CO₂-stabilized form. It can be used in liquid, vapor or liquid bed operations.

Suggested Applications

E 235 T RS is particularly suited for the full conversion of benzene to cyclohexane. The catalyst is further applied in hydrotreated alcohol streams to remove carbonyl impurities, solvent stream to remove aromatic and olefinic impurities, and in the conversion of alcohols to alkylamines.

E 235 T RS is available in 3/16" x 3/16" tablets and as 3/16" x 3/16" x 3/16" hollow cored tablets.

Shelf life

Unique to BASF nickel catalysts is the feature of CO₂-stabilization. This provides a multiple year shelf life enabling a reliable back-up charge strategy.

Packaging

Standard packing size is 150 kg (330 lbs) net in 210-liter steel drums with plastic liner shipped either from De Meern, The Netherlands or from Erie Pennsylvania, USA.

Typical Properties

Active Metal	Ni
Metal Content	40 %
Reduced Value Ratio	0,6
Packed ABD	0,9 kg/dm ³
Side Crush Str.	70 N
Surface Area	175 m ² /g
Total Pore Volume	0,5 cm ³ /g

* These indications do not represent process capabilities nor specifications.

About Us

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BASF - We create chemistry

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