TYPICAL SPECIFICATIONS
OF
CS-305, INERTS

Catalyst Form	Rings
*Catalyst Size	(32x32x18)mm

Chemical Composition
(Weight % on dry basis)

MgO Content	0.5 Max.
$CaO+K_2O$ Content	1.5 Max.
Fe_2O_3 Content	0.25 Max.
SiO_2 Content	0.1 Max.
TiO_2	2.5 Max.
Al_2O_3	Balance

Physical Properties

Bulk Density (Kg./Ltr.)	1.30 - 1.50
Crush strength (Min. Avg.) Kg. DWL	250Kgs.
Below 150Kg.	10% Max.

* **Average Dimensions**

Diameter(mm)	:	28.50 – 35.50
Height(mm)	:	29.50 – 34.50
Hole (mm)	:	15.50 – 18.50

SÜD-CHEMIE
CREATING PERFORMANCE TECHNOLOGY

TYPICAL SPECIFICATIONS

OF

C.11-7-02 RR

MgO, based semi-active reforming catalyst

Catalyst Form	Ribbed Rings (9 Ribs)
*Catalyst Size	(30x28x11)mm
Chemical Composition: (Weight % on dry basis)	
LOI at 540°C	1.0 Max.
Ni	6.0 ± 1.0
Ca	3.20 – 7.50
Al_2O_3	2.20 – 5.0
Fe_2O_3	2.0 Max.
SiO_2	2.0 Max.
Nitrate (NO_x)	0.1 Max.
MgO	Balance
Physical Properties	
Bulk Density (Kg./Ltr.)	0.950 – 1.150
Crush strength (Min. Avg.) Kg. DWL	120
below 75Kg.	5% Max.
** Specific Surface area (m^2/g)	2.5 – 7.1
Pore Volume (ml/g) > 35A°	0.07 – 0.18

*** Average Dimensions**

Diameter(mm)	:	27 – 33
Height(mm)	:	26 – 30
Hole (mm)	:	10 – 12

**Depends on use of analyser i.e. Quantachrome or Micrometrics.

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SÜD-CHEMIE
Creating Performance Technology

TYPICAL SPECIFICATIONS

OF

C.11-9-05 RWH

HIGH ACTIVE REFORMING CATALYST

Catalyst Form	Ribbed Rings with holes (9 ribs and 6 holes)
*Catalyst Size	(33x18x6)mm
Chemical Composition: (Weight % on dry basis)	
LOI at 540°C	0.5 Max.
Ni	12 ± 1
SiO_2	0.10 Max.
Na	0.15 Max.
Fe	0.15 Max.
Nitrate (NO_3)	0.1 Max.
S	0.05 Max.
Al_2O_3	Balance
Physical Properties	
Bulk Density (Kg./Ltr.)	1.0 – 1.20
Crush strength (Min. Avg.) Kg. OW/L	110
Below 40Kgs.	0% Max.
** Specific Surface area (m^2/g)	2.0 – 4.5
Pore Volume (ml/g) > 35A°	0.10 – 0.25
* **Average Dimensions**	
Diameter(mm) :	31 – 35
Height(mm) :	17.0 – 19.0

**Depends on use of analyser i.e. Quantachrome or Micrometrics.

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