



J-CHEM 604

LOW TEMPERATURE CO SHIFT CATALYST

A high activity catalyst for the conversion of carbon monoxide in the purification of synthesis and process gas streams

TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

A. CATALYST DESCRIPTION

Designation	<i>J-CHEM 604</i>
Form	Brown Tablet
Size	Ø5×4.5-5.5mm

B. TYPICAL CHEMICAL COMPOSITION (%wt)

Copper oxide	>30
Zinc oxide	>28
Aluminium Oxide	>30
Promoter	balance

C. PHYSICAL PROPERTIES

Bulk density	1.3-1.5 Kg/L
Surface area	>70 m ² /g
Crush strength	>16 Kg
Physical water	below 2%

D. OPERATING CONDITIONS:

Pressure:	atmosphere~8Mpa
Space velocity:	2000~3000 h ⁻¹
Steam gas ratio:	≥0.4
Temperature:	180~260°C



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C. PHYSICAL PROPERTIES

Bulk density	1.3-1.5 Kg/L
Surface area	>65 m ² /g
Crush strength	>20 Kg
Physical water	below 2%

D. OPERATING CONDITIONS:

Pressure:	atmosphere~8Mpa
Space velocity:	2000~3000 h ⁻¹
Steam gas ratio:	0.3~0.6
Temperature:	180~260°C