



J-CHEM 201

COMOX DESULPHUR CATALYST

Cobalt-Molybdenum Hydrodesulphurization catalyst for the
Hydrotreatment of feedstocks containing organo-sulphur compound

TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

A. CATALYST DESCRIPTION

Designation	<i>J-CHEM 201</i>
Form	Light blue extrudates
Size	Ø3×4~10mm or size by request

B. TYPICAL CHEMICAL COMPOSITION (%wt)

Cobalt oxide	>4.0
Molybdenum oxide	>12.0
Base	Alumina and TiO ₂ carrier

C. PHYSICAL PROPERTIES

Bulk density	0.6-0.7 Kg/L
Surface area	>240 m ² /g
Crush strength	>1.5 Kg
Pore volume	0.6-0.7ml/g

D. OPERATING CONDITIONS:

Pressure:	atmosphere~4.0Mpa
Space velocity:	1000~3000 h ⁻¹ (for gas feed) 1~6 h ⁻¹ (for liquid feedstock)
Temperature:	320~400°C
Inlet CO+CO ₂ content:	less than 1%
Outlet CO+CO ₂ content:	less than 5~10ppm