

COA of Hydrogenation catalyst

Hydrogenation catalyst can reduce the organic sulfur to 0.05 ppm, mainly used in natural gas, oil field gas, refine gas and light gas. The service life can be more than 10 years and it can be regenerated.

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Appearance	Grey-blue sphere	CoO Content, % \geq	1.4
size, mm	ϕ 3-5	MoO ₃ content, % \geq	11.0
Crushing strength, N/particle \geq	50	Loss of attrition, % \leq	2.0
Bulk density, kg/L	0.65-0.75	Thiophene conversion rate, % \geq	98

Process condition:

Process condition	Pressure, Mpa	Temperature, °C	Space velocity, hr ⁻¹	H ₂ /Oil V/V
	2.0-4.0	320-400	1-6 or 1000-3000	50-100
Feedstock	Inorganic sulfur in the inlet 100-200ppm			
Product	Inorganic sulfur in the outlet <0.05ppm			

