

COA of Hydrogenation catalyst

Hydrogenation catalyst takes they-alumina ball as the carrier,adding active additives,contains molybdenum, cobalt and other active components.The catalyst is mainly used for olefinic or carbon monoxide, carbon dioxide gas, high coke oven gas, water gas hydrogenation conversion,it is especially suitable for refinery coking dry gas hydrogenation desulfurization and olefin hydrogen plant.After hydrogenation organic sulfur is less than 0.05ppm, and the content of olefin is lower than 0.1%.

Physical and chemical properties:

Appearance	sphere
size, mm, ϕ	2-4
MoO ₃ content, %, \geq	11.0
CoO content, %, \geq	2.5
NiO content, % \geq	1.5
Crushing strength, N/particle, \geq	50
abrasiveness, % \leq	1.0
Bulk density, kg/L	0.60-0.70

Process condition:

pressure, Mpa	1.0-6.0
temperature, °C	200-300
Space velocity, hr ⁻¹	1500
Feedstock:	Inorganic sulfur in the inlet 200-400ppm, olefine \leq 8.0%
Product:	Inorganic sulfur in the outlet $<$ 0.05ppm, olefine \leq 0.1%

Packing usually packed in plastic bag, net weight 30Kg.It can also be based on user requirements for packaging.

