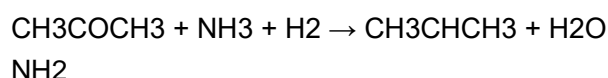


Isopropylamine Synthesis catalyst

Isopropylamine is a useful organic synthesis intermediates. JL-M-03 isopropylamine Synthetic catalyst is produced by Zibo Jiulong Chemical Co., Ltd . It takes acetone , liquid ammonia and hydrogen as feed used to synthesize isopropylamine process. The catalyst can be made black sphere,cylinder or trilope extrudates according to customers' requirements. The catalyst possesses the characteristics of steady performance, high conversion,good selectivity. The catalyst consumption is about 0.4-0.5 kgs per ton with conversion 99% (min) and selectivity 98% (min). The reaction principle as follows



i. Physical and chemical properties:

Item	index
Appearance	Black sphere
Particle size,mm	φ 3-4
Active components	Ni+promoter
Crushing strenght,N/particle ≥	80
Bulk density,kg/L	0.78-0.88

ii. Operating conditions:

Operating conditions	Temperature, °C	pressure,M Pa	Acetone space velocity(V), hr-1	Acetone:ammonia:Hydrogen (mol)
	150	1.0	0.5	1:3:3
Conversion rate	≥99%			
selectivity	≥98%			

iii.package:Cardboard drum lined with plastic bags or according to customer requirements.

