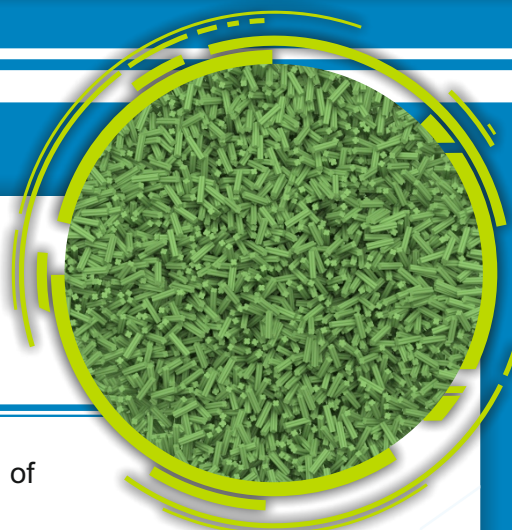


Hydrocracking catalyst



Principle application:

Hydrocracking catalyst is used in the cracking process of heavy petroleum fractions;

In hydrocracking processes it is recommended to use a catalyst system consisting of catalysts of the protective layer, mild hydrocracking catalysts and prehydrotreating of hydrocracking feed KNT-704 and KNT-705 with maximum activity in the denitrogenation of heavy oil fractions.

It consists of molybdenum, nickel, tungsten oxides and other active components on the zeolite-containing alumina carrier.

Property	KNT-820	KNT-821
1. Appearance	extrudate, tri-lobe, quadri-lobe	
2. Bulk density, g/cm ³	0,7-0,9	
3. Granules size, mm	1,4-3,0	
4. Active components mass fraction:		
- Molybdenum Trioxide MoO ₃	13,0-18,0	-
- Nickel Oxide NiO	4,0-6,0	4,0-6,0
- Tungsten Trioxide WO ₃	-	13,0-24,0
5. Ignition loss, at temperature 550±10°C, %, not more than	5,0	
6. Grit, %, not more than	1,0	
7. Mechanical crushing strength, kg/mm ² , not less than	1,5	

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