

Description

ATIS-2L is an amorphous, platinum-promoted, chlorided alumina catalyst for isomerization of C₅/C₆ paraffins.

Applications

ATIS-2L can be applied in all known C₅/C₆ isomerization units (recycle or once-through) designed for this type of catalyst. Reactions taking place include skeletal isomerization, ring opening (naphthenes), and aromatics (benzene) hydrogenation. ATIS-2L does not require in-situ activation.

Chemical properties

	%wt
Platinum content ¹	< 1
Chloride content	5

Physical properties

Shape	Cylindrical Extrudate
Loading density ²	750kg/m ³ (46.8 lbs/ft ³)
Average diameter	1.6 mm
Average length	4 mm
SCS	> 2 lbs/mm
Abrasion	< 3.0 %wt
Fraction < 16 mesh	< 1.5 %wt

¹ Production losses require an additional 1.5%wt on the total amount of platinum.

² Based on Densicat® dense loading method as licensed by Petroval.

Shipping information

Open-head steel drums of approximately 110 kg (242.5 lbs) net with double catalyst bag inside.

Safety and handling information

Product is not hazardous. Contact with air and moisture must be avoided; catalyst handling must take place under inert conditions at all time.

Chemical registration numbers

68987-88-2