

ATIS™ -2L

Isomerization Catalyst

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
Chloride content	5

PHYSICAL PROPERTIES

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

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.



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