

# ATIS™ -1L

## Isomerization Catalyst

### DESCRIPTION

ATIS-1L is an amorphous, platinum-promoted, chlorided alumina catalyst for isomerization of n-butane.

### APPLICATIONS

ATIS-1L can be applied in all known C4 isomerization units (recycle or once-through) designed for this type of catalyst. The principle reaction that takes place is skeletal isomerization. ATIS-1L 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 <sup>3</sup> (46.8 lbs/ft <sup>3</sup> )
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.



AMERICAS 2625 Bay Area Blvd • Suite 250 • Houston, TX 77058 • USA • Tel +1 281 480 4747  
EUROPE AND AFRICA Nieuwendammerkade 1-3 • 1022 AB Amsterdam • The Netherlands • Tel +31 20 634 7300  
MIDDLE EAST AND INDIA PO Box 293774 • 6W Block A, Office 512 • Dubai Airport Free Zone • Dubai • Tel +971 4 701 7770  
ASIA PACIFIC Building 6, A-Sun Science & Technology Park • Lane 399 Shengxia Road • Pudong, Shanghai 201210 China • Tel +86.21.6103.8666 • Fax +86.21.6103.8777

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