



**AVANT**

## AM-OSH-CC

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**Characteristics:**

The carrier has the characteristics of small bulk density, large pore volume specific surface area, and uniform pore size distribution. The organic sulfur hydrogenation catalyst uses activated alumina as a carrier and iron and molybdenum as active components, and has high hydrodesulfurization activity and stability.

It is suitable for the hydroconversion of organic sulfur in coke oven gas, and also for the hydrogenation and saturation of olefins contained in the gas to protect the normal use of various catalysts in the subsequent sequence. This product has a high hydrogen conversion rate for mercaptans, thioethers, thiophenes, COS, CS<sub>2</sub>, etc.

**Chemical analysis:**

$Al_2O_3$	≥92	%
$SiO_2$	≤0.10	%
$Fe_2O_3$	≤0.04	%
$Na_2O$	≤0.45	%

**Physical properties:**

Adsorption rate(water)	≥50	%
Bulk density	≤0.60	g/ml
Surface area	≥200	m <sup>2</sup> /g
Pore volume	≥0.40	ml/g
Crushing strength	≥50(2-3mm)	N/Granule