



AVANT

AM-WCC

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Characteristics:

Very suitable as a support for hydrolysis catalysts. For example, in chemical raw gas (such as shift gas, synthesis gas, water gas, urea raw gas CO₂, and liquefied gas) made from oil, coal, and coke, COS is the main organic sulfur component, and synthesis catalysts are often composed of precious metals. It is particularly sensitive to sulfur. Trace amounts of sulfur in the raw material can cause catalyst poisoning and loss of activity. At present, domestic new-type hydrolysis catalysts can remove trace amounts of H₂S, COS and other sulfides in various chemical raw material gases and liquid hydrocarbons, and protect precious metal catalysts.

Chemical analysis:	Al ₂ O ₃	≥92	≥92	%
	SiO ₂	≤0.10	≤0.10	%
	Fe ₂ O ₃	≤0.04	≤0.04	%
	Na ₂ O	≤0.45	≤0.45	%
Physical properties:				
Bulk density		≤0.70	≤0.70	g/ml
Surface area		≥200	≥200	m ² /g
Pore volume		≥0.40	≥0.40	ml/g
Crushing strength		≥80(3-5mm)	≥100(4-6mm)	N/Granule