



AM-HP-01

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Characteristics :

In addition to adsorbing the alkali in the working solution, this product has a strong ability to regenerate hydrogenated degradation products. It can convert the increased degradation products in the hydrogenation reaction into effective anthraquinones, which ensures the stability of the total effective anthraquinone amount and facilitates oxidation. The reaction proceeds, and the amount of anthraquinone added is reduced, which saves operating costs. At the same time, considering the need for regeneration, alumina for hydrogen peroxide ensures good mechanical properties, and the activity change after regeneration is small.

Chemical analysis:	Al_2O_3	≥92	≥92	%
	SiO_2	≤0.10	≤0.10	%
	Fe_2O_3	≤0.04	≤0.04	%
	Na_2O	0.3-1.0	0.3-1.0	%
Physical properties:				
Loss on ignition		≤7.0	≤7.0	%
Bulk density		0.60-0.70	0.60-0.70	g/ml
Surface area		≥200	≥200	m ² /g
Pore volume		≥0.40	≥0.40	ml/g
Adsorption rate(water)		≥50	≥50	%
Regeneration capacity		≥12	≥12	g/l
Crystal phase		$\gamma-Al_2O_3$	$\gamma-Al_2O_3$	
Crushing strength		≥100(3-5mm)	≥120(4-6mm)	N/Granule