



AMBERLYST® A26 OH

Industrial Grade Strongly Basic Polymeric Resin

PRODUCT DATA SHEET

AMBERLYST A26 OH is a bead form, strongly basic, anionic, macroreticular, polymeric resin. Its porous structure makes it a good choice for use in non aqueous and aqueous media. AMBERLYST A26 OH is virtually inert in strong acids, concentrated alkalies, aliphatic and aromatic hydrocarbons, alcohols, ethers and other common solvents.

AMBERLYST A26 OH is used to catalyze reactions such as aldol condensation where a strongly basic catalyst is required.

It is also used to remove anionic transition metal complexes and mercaptans from hydrocarbons, in addition to removing acids from hydrocarbons and other non-polar solvents, remove oleic acid from chlorinated hydrocarbons and deacidify phenol-acetone solutions.

PROPERTIES

Physical form _____	Tan opaque spherical beads
Ionic form as shipped _____	Hydroxide (OH)
Concentration of active sites ^[1] _____	≥ 0.80 eq/L
Moisture holding capacity ^[1] _____	66 to 75 % (OH form)
Shipping weight _____	675 g/L (42.1 lbs/ft ³)
Particle size _____	
Uniformity coefficient _____	≤ 1.45
Harmonic mean size _____	0.560 to 0.700 mm
Surface area _____	30 m ² /g
Average pore diameter _____	400 Å

^[1] Contractual value

Test methods are available on request.

SUGGESTED OPERATING CONDITIONS

Maximum operating temperature _____	60°C (140°F)
Minimum bed depth _____	600 mm (24 inches)
Service flow rate _____	1 to 4 BV*/h
Operating flow rate _____	1 to 4 BV/h
Regenerant concentration _____	1 N NaOH
Regenerant flow rate _____	1 to 4 BV/h
Rinse water requirement _____	4 to 10 BV

* 1 BV (Bed Volume) = 1 m³ solution per m³ resin

All our products are produced in ISO 9002 certified manufacturing facilities.

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