PRODUCT SPECIFICATION SHEET

PX-A75-OH

CATALYTIC MEDIA

CATALYST RESIN
WEAK BASE MACROPOROUS
HYDROXYDE FORM

ResinTech PX-A75-OH is a weak base macroporous catalyst with large porous polymeric structure that allows aqueous and non aqueous catalytic reactions inside of the its s ponge-like structure. Its unique structure allows the complete reaction molecular within the resin bead with its hydroxyl available groups for a complete reaction. ResinTech PX-A75-OH has been designed as a fast reaction catalytic media for mineral and organic acids neutralization from aldehydes solutions, such formaldehyde. Because of its large polymeric macroporous structure the PX-A75-OH can easely neutralize formic acid content in formaldehyde solutions. In its dry version, the PX-A75-OH-D can be used as organophosphate and pyrethroid insecticides scavenging media from volatile oils.

APPLICATIONS

- Acid neutralization from polar and non polar solutions
- Chromic acid neutralization and recovery from plating rinse water
- Insecticides scavenging from volatile oils (Dry version)

SUGGESTED OPERATING CONDITIONS

Maximum operating temperature	140˚F
Maximum Pressure Loss	15 psi across resin bed
Minimum Depth	24 inches
Service Flow Rate	0.5 - 5.0 bed volumes/hour

Note: These guidelines describe average low risk operating conditions. They are not intended to be absolute minimums or maximums.
For operation outside these guidelines, contact ResinTech Technical Support

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Polymer Matrix	Styrenic Macroporous
Ionic Form	Hydroxide
Functional Group	Tertiary Amine
Physical Form	Spherical Beads
Ionic Form	Hydroxide
Percent in Hydroxyde Form	> 99%
Total Capacity	> 1.3 eq/l
Moisture Content	54 - 62 %
Surface Area	> 35 m2/g
Average Pore Volume	> 0.1 cc/g
Average Pore Diameter	> 110 Angstroms
Swelling	Appox. 77% in phenol
Shipping Weight	Approx. 650 g/l
Screen Size	0.4 - 1.25 mm

Revision 1.2
ResinTech, Inc.®

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INNOVATIONS IN ION EXCHANGE

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