



REFERENCES

- Alvarez, W.E. and Resasco, D.E. (1996). Methylcyclopentane ring opening as a reaction test for Pt catalysts supported on non-acidic materials. Journal of catalysis, 164, 1-10.
- Bhattacharya, D., and Sivasanker, S. (1996). Aromatization of n-Hexane over H-ZSM-5: Influence of promoters and added gases. Applied Catalysis A, 141, 105-115.
- Bernard, J.R. (1980). in "Proc, 5th Internat. Zeolite Confer.", (L.V.C Ress, Editor) Heyden, London p.686.
- Chester, A.W. (1984). Dehydrocyclization of n-Hexane by highly dispersed Platinum in zeolite Y. Journal of catalysis, 86, 16-23.
- Davis, B.H., Westfall, G.A., and Naylor, R.W. (1976). Paraffin Dehydrocyclization V. The Influence of Pt loading on the Aromatic selectivity. Journal of catalysis. 42, 238-246.
- Davis, R.J. (1994). Aromatization on zeolite L-supported Pt clusters. HCR Concise Review, 41-53.
- Ehwald, H., Leibnitz, U., and Lieske, H. (2000). On deactivation of CrO_X/La₂O₃/ZrO₂ catalyst during n-octane dehydrocyclisation. I. Investigation of dehydrogenation capability by the homomolecular H-D exchange of molecule hydrogen. Catalysis Letters, 70, 23-26.
- Fang, X., Li, F., Zhou, Q., and Luo, L. (1996). A study of Platinum-thulium/KL zeolite reforming catalysts. Applied Catalysis A, 146, 297-304.
- Fang, X., Li, F., Zhou, Q., and Luo, L. (1997). Effects of heavy rare earth addition on properties of KL zeolite-supported platinum reforming catalyst. Applied Catalysis A, 161, 227-234.
- Jacobs, G., Alavaraz, W.E., and Resasco, D.E. (2001). Study of preparation parameters on powder and palletized Pt/KL catalysts for n-Hexane aromatization. Applied catalysis, 206, 267-283.
- Jacobs, G., Padro, C.L., and Resasco, D.E. (1998). Comparative study of n-Hexane aromatization on Pt/KL, Pt/Mg(Al)O, and Pt/SiO₂ Catalysts: clean and sulfur-containing feeds. Journal of catalysis, 179, 43-55.

Lertrojanachoosit, B. (2000). n-Hexane aromatization to benzene on Pt/KL and PtCe/KL prepared by VPI method. M.S. Thesis in Petrochemical Technology, The Petroleum and Petrochemical College, Chulalongkorn University.

Maldonado-Hodar, F.J., Ribeiro, M.F., Silva, J.M., Antunes, A.P., and Ribeiro, F.R. (1998). Aromatization of n-Heptane on Pt/Alkaline or Alkali-earth exclaimed Beta zeolite catalysts: Catalyst deactivation and regeneration. Journal of Catalysis, 178, 1-13.

Mielczarski, E., Hong, S.B., Davis, R.J., and Davis, M.E. (1992). Aromatization of n-hexane by Platinum containing molecular sieves II n-hexane reactivity. Journal of catalysis, 134, 359-369.

Paal, Z. (1980). Metal-Catalyzed Cyclization Reactions of Hydrocarbons. Advanced in Catalysis, 273-335.

Rek, P.J.M., Hartog, A.J.D., and Ponce, V. (1989). Effect of Chlorine and sulphur on the selectivity of supported Platinum-Rhenium catalysts in reactions of n-Hexane. Applied catalysis, 46, 213-225.

Ramirez, S., Viniegra, M., Dominguez, J.M., Schacht, P., and Menorval, LCD. (2000). N-Heptane reforming over Pt supported on Beta zeolite exchanged with Cs and Li cations. Catalysis Letters, 66, 25-32.

Sackamduang, P. (2001). The aromatization of n-hexane and n-octane on Pt/KL catalyst prepared by vapor-phase impregnation method. M.S. Thesis in Petrochemical Technology, The Petroleum and Petrochemical College, Chulalongkorn University.

Santra, M., Hegde, S.G., and Sivasanker, S. (1985). The reforming of n-hexane over Pt-Alumina zeolite catalysis. Advanced Catalysis and science technology, 183.

Satterfield. Catalytic Reforming. Processing of petroleum and hydrocarbons, 247.

Sivasanker, S., and Padalkar, S.R. (1988). Mechanism of Dehydrocyclization of n-Alkanes over Platinum-Alumina catalysis. Applied Catalysis, 39, 123-126.

Thongsriksate, T. (2000). n-Hexane aromatization to benzene on Pt/KL and PtYb/KL catalysts prepared by CVD method. M.S. Thesis in Petrochemical

Technology, The Petroleum and Petrochemical College, Chulalongkorn University.

Vaarkamp, M., Miller, J.T., Modica, F.S., Lane, G.S. and Koningsberger, D.C. (1992). Sulfur poisoning of a Pt/BaK-LTL catalyst: A catalytic and structural study using hydrogen chemisorption and x-ray absorption spectroscopy. Journal of Catalysis., 138, 675-685.

Zheng, J., Chun, Y., Dong, J., and Xu, Q. (1998). CVD modified KL zeolite supported Pt for n-Hexane aromatization. Journal of Molecular Catalysis A, 130, 271-277.

Zheng, J., Dong, J., Xu, Q., and Hu, C. (1996). The function of zeolite on Pt autoreduction and dispersion in Pt/L and Pt/ β catalysts. Catalysis Letters, 37, 25-28.

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