

... t t t t 0 00 000 - t -
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Table 5

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5	t/ -5- -50		0	7 8	5 9 6	3 9		

3.4. Discussion on the different hydrogenation performance of Pt/HZSM-5-F-50 and Pt/HZSM-5-E-50

The hydrogenation performance of Pt/HZSM-5-F-50 and Pt/HZSM-5-E-50 was compared. The results are shown in Table 5. The hydrogenation performance of Pt/HZSM-5-F-50 is significantly higher than that of Pt/HZSM-5-E-50. The hydrogenation performance of Pt/HZSM-5-F-50 is 70.6% and 78%, while that of Pt/HZSM-5-E-50 is 5.7% and 3.9%. The difference in hydrogenation performance is due to the different pore structure of the two catalysts. Pt/HZSM-5-F-50 has a larger pore volume and a higher surface area than Pt/HZSM-5-E-50, which leads to a higher hydrogenation performance.

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 (0-)
 -x / -5 -x
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 C t 5 9 83- 93 t t // / 0 0 6/
 0 8 0 6 0 3
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 t t // / 0 0 / 0 0 3 6
 C t 0 /
 -5 t t C (33) 7 05- 7 09 t t // / 0 0 39/
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 C C t 9 (7) 6 77-6 87 t t // / 0 0 / t 9 0 6 7 9
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 -5 - C C t 8 5 85-5505
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