

Study on the Co-pressing and Liquefaction Technology of Coal and Waste Plastics Present Research

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Abstract: This paper introduced a new direct liquefaction way of co-liquefaction of coal-plastic mixtures. The research about the co-liquefaction of coal-plastic mixtures was a new development technique in the coal conversion fields. It's characteristic is that the waste plastic mixtures were used as main supply of hydrogen material. This paper also presented the recent progress on the technique especially the main effecting factors about the result of coal-plastic mixtures co-liquefaction further important research subjects was indicated.

Key words: Co-processing; Waste plastics; Direct-liquefaction of coal; Add hydrogen

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