

Efficient catalyst for the selective conversion of methanol into propylene (MTP)

KEYWORDS

Methanol
Propylene
Catalyst

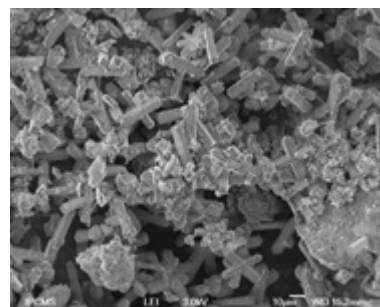
INVENTOR

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TECHNOLOGY

- micro-sized ZSM5 catalyst Made of micron-sized prismatic crystals.
- With >90% of conversion, and 40% of propylene selectivity



Catalyst crystals

APPLICATIONS

- Methanol to propylene or ethylene conversion

INNOVATION ADVANTAGES

- Micro sized crystals / Not nano sized - easier for REACH regulations
- Direct activation of the zeolite
- Continuous or semi-continuous synthesis
- Easy shaping

DEVELOPMENT STATUS

- The project will focus on the optimization of the selectivity to target industrial value (selectivity of propylene 50%).

Partnership : Seeking partners for co-conception on project ZEOTAIL

CONTACT

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