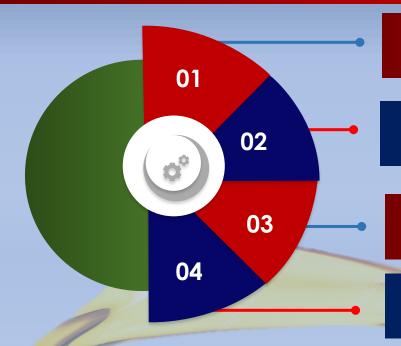


## HP PMA

## Propylene Maximization Additive for FCCU

- Propylene is a very essential building block in the petrochemical industry. Worldwide, Fluid catalytic cracking units are the second largest propylene source.
- HP-PMA is a novel ZSM-5 additive for enhanced propylene production in FCCU.

#### ZSM-5 zeolite is modified for higher propylene yield

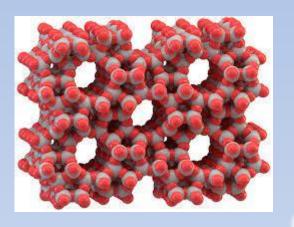


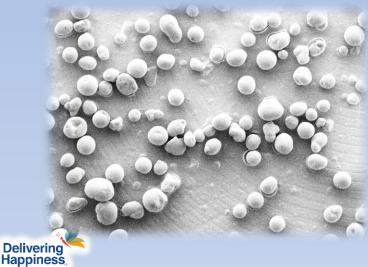
# Enhanced AI STABILIZATION

Fine tuned ACIDITY

Arrested ATTRITION

Enhanced ACTIVITY







## HP PMA

# Propylene MaximizationAdditive for FCCU

HP PMA: Novel Catalyst formulation developed inhouse at HPGRDC exhibiting superior results

