Technical Data Sheet

(5% Platinum + 0.1% Vanadium + 0.3% Iron) On Carbon

Formula	Pt+V+Fe/C (Heterogeneous Mixture)
Grade	Customized
Appearance	Fine Black Powder
Metal Loading	4.5% to 5.5%(Pt) , 0.08% to 0.15%(V) , 0.27% to 0.33% (Fe)
Active Metal	Platinum , Promoter- Vanadium , Co-Promoter- Copper
Support Matrix	Activated Carbon
Moisture %	50% (Wet)

Storage Condition

- Store : Store in a tightly, closed container,
- Atmosphere: Keep the container tightly sealed in a cool, dry place. Alumina supports are highly hygroscopic and will readily absorb moisture from the air, which can cause clumping and lower catalytic efficiency
- Fire Prevention: Keep the storage location far away from open flames, sparks, hot surfaces, and organic solvent vapors

Application

- Dehydrogenation Reactions (Petrochemicals
- Selective Hydrogenation