Technical Data Sheet

5% Palladium On Alumina Powder

Formula	Pd/Al2O3 (Heterogeneous Mixture)
Grade	RM 100422 RM 104523
Appearance	Fine Black Free Flowing Powder
Metal Loading	4.5% to 5.5 %
Active Metal	Palladium
Support Matrix	Aluminium Oxide powder
Moisture %	Below 1.0%

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

- Selective hydrogenations,
- Hydrogenation of aromatic nitro,
- Hydrogenation of aromatic carbonyls to alcohols,
- Hydrogenation,
- Purification of PTA,
- Gas-Phase Alkene and Alkyne Hydrogenation