

PAPERATOR

Paper based Ceramic Separator

IPR STATUS

Patented

LEVEL/SCALE OF DEVELOPMENT

Optimized in semi-bulk scale

APPLICATIONS/USES

Separator component in Lithium-ion Batteries, Sodium-ion Batteries and Supercapacitors.

LINE MINISTRY MAPPING/USER SECTORS

Department of Atomic energy
Ministry of New and Renewable Energy Sources
Ministry of Power
Department of Space
Department of Heavy Industries

SALEINT FEATURES

High electrolyte uptake capability, quicker electrolyte saturation, high thermal stability, sufficient tensile strength for winding, good chemical stability in cell environment, satisfactory electrochemical performance, flame retardant, cellulose bases sustainable and low cost product and environment friendly.



PAPERATOR roll



In-house designed PAPERATOR fabrication machine



Flexible