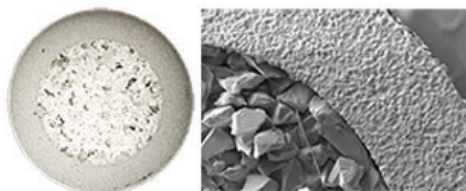


# HIGH PURITY POROUS CERAMIC FLOW COMPONENTS FOR ESCs



IMPROVE YOUR PROCESS TOOL PRODUCTIVITY WITH EXTENDED ELECTROSTATIC CHUCK LIFETIME AND BETTER FULL WAFER TEMPERATURE UNIFORMITY

## CUSTOM SLEEVED PLUGS



## INCREASED CHUCK DURABILITY

Prevent costly replacement caused by breakdown voltage arcing within the conduit holes by integrating Mott's high porosity ceramic plugs

## IMPROVE WAFER YIELD

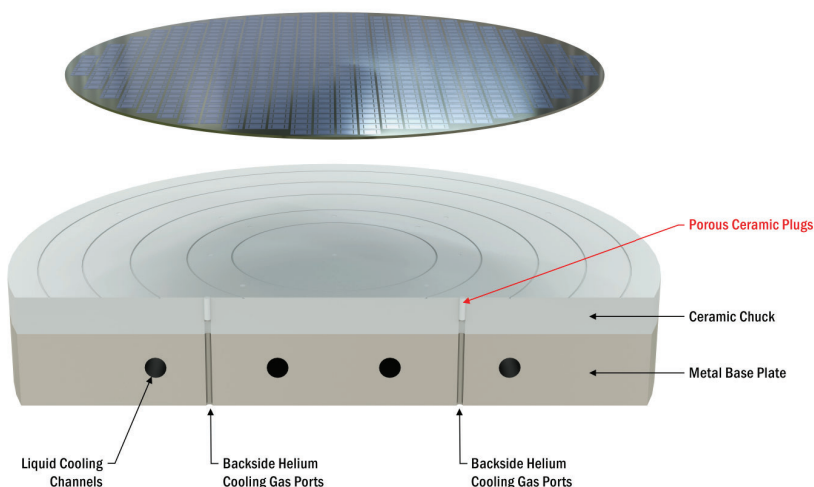
Reduced particles with >99.5% Alumina purity ceramic components and uniform backside gas flow across ESC

## IMPROVE TEMPERATURE CONTROL

With <10% part-to-part flow variability, more uniform He flow across entire backside of wafer

## SPECIFICATIONS

Flux	Tailored to Customer Needs
Part-to-Part Variability	<10% at 3-sigma
Material Purity	≥99.5% Alumina
Porosity	20-60%



Dielectric Breakdown Strength (kV/mm) vs. Relative Filter Permeability

