

ANTISCALLANT & GRINDING AID

Mineral Processing Solutions for Mineral
Deposition Prevention & Dispersion



POWER
CHEMICAL SERVICES

Manipulation of Scale & Mineral Deposition on Your Command

Scaling caused by mineral deposition due to high pH or temperature is a common problem in the mineral processing industries. These scales can be prevented by our **POWER SCALE-X™ antiscallant or dispersant** product to prevent the scales from depositing on your piping or furnace jacket surfaces.

Via the same dispersion method we developed our proprietary **POWERGRIND™ Grinding Aid** product, in order to enhance the mill throughput efficiency of your grinding purposes via prevention of the intended mineral from agglomerating and slowing the required size



Our **Antiscallant & Grinding Aid Products** are a perfect fit for :

- Gold Mineral Heap Leaching Process
- Copper/Nickel Mineral Heap Leaching Process
- Cooling Water Pipes for Ferronickel Electric Furnaces
- SAG Mill/Ball Mill for various Mineral Processing

Our Chemical Products

POWER SCALE-X™ : Antiscallant for Prevention of Mineral Scale Deposition

Our **POWER SCALE-X Antiscallant** are able to prevent scaling formation significantly in a high pH or low pH system of a mineral processing. Our various mineral antiscallant chemistry are able to protect your mineral processing from severe problems caused by excessive scaling.

Benefit from our POWER SCALE-X Product :

- Prevent Carbonate & Sulfate scaling on high pH gold heap leaching system
- Increase gold adsorption in a carbon elution column by preventing scaling on an activated carbon surface
- Prevent Gypsum scale on a copper heap leaching process

POWERGRIND™ : Grinding Aid for Improving your Grinding Mill Throughput & Efficiency

Via solid dispersion & charge repulsion mechanism, our **POWERGRIND™ Grinding Aid** chemicals from various chemistry are able to maximize your ore mineral grinding process efficiency by making a better control of particle size while reducing milling time & reducing the energy required for the process.

Benefit from our POWERGRIND Product :

- Disperse grinded mineral ore particles preventing them from further agglomeration
 - Increase grinding mill (SAG, Ball, Rod Mill) throughput & efficiency
 - Lower the outlet slurry viscosity of the produced slurry
-



PT POWERINDO KIMIA MINERAL

The Prominence Tower Lt.12-H, Jl.Jalur
Sutera Alam Sutera, Tangerang Banten,
Indonesia 15143

Tel: (021) 30439716

Fax: (021) 30439717

marketing@pocs.co.id

www.powerchemicals.co.id