High-Performance Specialty Products

Epoxy Adhesives - Polymer Mounting Beams - Formulated Detergents

Monocrystalline Ingot Squaring

VALTRON AD4000
Heat Release Epoxy System

Two-component temporary bonding adhesives designed specifically for squaring of monocrystalline or multicrystalline ingots.

VALTRON Ingot Mounting Plate

Unique composite polymeric resin designed to self-dress the saw blade with each slice. Wire saw mountable, eliminating the need for glass and other substrates.

Ingot Mounting for Wafering

VALTRON Photovoltaic Slicing Beam

Composite polymer mounting beam for PV wafer processing, especially diamond wire slicing. Unique surface texture promotes improved adhesive bonding and dimensional stability.

VALTRON AD1339-A / AD3905-B
Quick-Cure Ingot Mounting Adhesive

Two-component fast-curing epoxy system for adhering PV ingots for slurry slicing applications.

VALTRON AD1846-A / AD1846-B
Medium Viscosity Quick-Cure Ingot Mounting Adhesive

Two-component medium viscosity epoxy system for adhering PV ingots for diamond wire slicing applications.

See back page for formulated detergents.

www.valtechcorp.com
Wafer Demounting & Cleaning

Post Slice Cleaning
VALTRON DP146
Low Foam Alkaline Detergent
High purity, low foam alkaline detergent which exhibits excellent cleaning and rinsability.

VALTRON SP2260
Alkaline Detergent
Formulated for fast and effective penetration and removal of contaminants.

De-Bonding
VALTRON DP164
Adhesive De-Bonding & Cleaning Solution for PV Wafers
Formulated for adhesive de-bonding and preliminary cleaning of PV wafers.

Pre-Cleaning
VALTRON DP146
Low Foam Alkaline Detergent
General purpose detergent for effective cleaning leaving no organic or inorganic residue.

VALTRON SP2260
Alkaline Detergent
Formulated for fast and effective penetration and removal of contaminants.

Final Cleaning
VALTRON DP184
Alkaline Detergent for PV Wafer Cleaning
Effectively cleans and removes silicon kerf, cutting slurry and abrasives by-products of diamond wire and silicon carbide slicing.

VALTRON DP187
Low Foam Alkaline Detergent for Final PV Wafer Cleaning
Low foam alkaline detergent formulated for final PV wafer cleaning and removal of contaminants normally resistant to conventional detergents.

VALTRON SP2260
Alkaline Detergent
Formulated for fast and effective penetration and removal of contaminants.