



SPECIALTY CHEMICALS / SYNTHETIC SLICING/ GRINDING COOLANT

AmberCut™ 202A



AmberSlice™ 202A is a completely synthetic, water soluble coolant formulated for slicing and grinding. This unique formula contains very low levels of anion and cation contaminants such as chloride, fluoride, nitrate, phosphate, calcium, magnesium, sodium and potassium making it excellent for use in highly technical applications. AmberSlice™ 202A also combines a special corrosion protection package with a broad spectrum biocide to provide outstanding system protection. Recommended uses include ID sawing and edge grinding of silicon wafers and other ceramic materials.

TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, yellow liquid
Specific gravity, 20°C	1.06
Lbs/gallon	8.85
pH (concentrate)	9.8
Surface Tension @ 500:1 dilution	33 dynes/cm
Conductivity @20 °C, mS/cm	1.18 (5% in deionized water)
Flash point	None
Theoretical Oxygen Demand (TOD)	0.80 gO2/g

RECOMMENDED PROCESS PARAMETERS

AmberSlice™ 202A should be diluted with deionized water to a concentration of 0.1% - 3.0% for slicing and 0.1% - 1.0% for grinding.

AVAILABLE PACKAGING

55 gallon drums, 5 gallon pails, 1 gallon containers

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FEATURES AND BENEFITS

- Provides excellent lubrication for slicing and grinding
- Contains <5 ppm total anion and cation contaminants
- Can be used effectively at low concentrations
- Biodegradable and poses no environmental or health risks
- Low-foaming and does not contain silicone
- Water rinsability facilitates cleaning