

AmberSlice™ 202A

Synthetic Slicing / Grinding Coolant

Description

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

Features and Benefits

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

Typical Physical Properties

Appearance	clear, yellow liquid
Specific gravity @20°C	1.06
LBS/gallon	8.85
pH (5% in deionized water)	9.8
Flash point	None
Surface tension @ 500:1 dilution	33 dynes/cm
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.

Availability

55 gallon drums, 5 gallon pails, 1 gallon containers

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