

AmberCut™ 353

Aluminum Substrate Grinding Coolant

Description

AmberCut 353 is a synthetic, water-soluble grinding fluid specifically formulated for the fixed abrasive grinding of rigid computer memory disks. This unique formula is designed to provide excellent removal rates, flatness, microwaviness and OD curvature. AmberCut 353 contains chemistries specific for maintaining Aion stone integrity. AmberCut 353 will prevent darkening of Aion stones, thus resulting in extended stone life, removal rate consistency and lower scratch defect rate. AmberCut 353 is highly effective when used in a one-pass process with PVA formulated grinding stones, however may be used in processes requiring re-circulation.

Features and Benefits

- Excellent aluminum removal rates
- Improves removal rate consistency
- Maintains Aion stone integrity and prevents stone darkening
- Enhances surface finishes
- Minimizes scratch defect rate
- Improves rinsing by effectively wetting aluminum fines
- Helps maintain stone and substrate flatness
- Biodegradable and poses no environmental or health risks

Typical Physical Properties

Appearance	clear, light yellow liquid
Specific gravity @20°C	1.1
LBS/gallon	9.1
pH (concentrate)	9.0
Flash point	None

Recommended Process Parameters

AmberCut 353 should be diluted with deionized water to a concentration of 0.3% - 1.0%.

Availability

Bulk, 55 gallon drums, 5 gallon pails



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