



Highlights

- PURE-DS-RT is specifically designed for the use with IRINO
- PURE-DS-RT is the perfect suspension for Pureon's Rapid Thinning process
- User-friendly thanks to stabilized formulation
- Environmentally friendly and easy to clean
- Good lubrication
- Tight particle size distribution

Glycol-based diamond suspension

PURE-DS-RT

PURE-DS-RT suspensions are fully water-soluble but do not dry when exposed to air. The excellent lubrication properties of PURE-DS-RT allow for high lapping pressures and thus high removal rates. PURE-DS-RT suspensions are ideal for Rapid Thinning of SiC wafers and of hard materials (e.g. sapphire).

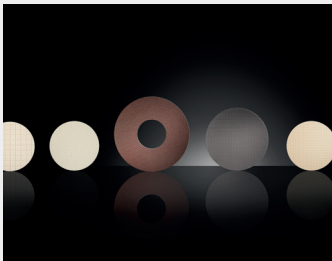
There are six specific formulations tailored for different applications available.

1. Carrier liquid formulation

Type	Workpiece type	Workpiece size	Plate type	Application
PURE-DS-RT-1	SiC (4H-N)	150 mm, 200 mm	IRINO-PROSiC	SiC Rapid Thinning, High-Performance
PURE-DS-RT-2	SiC (4H-N)	150 mm, 200 mm	IRINO-PROSiC	SiC Rapid Thinning, High-Quality
PURE-DS-RT-3	Sapphire, A-plane, C-plane	30 mm, 50 mm	IRINO-PRO-H	Sapphire Rapid Thinning, High-Performance
PURE-DS-RT-4	Sapphire, A-plane, C-plane	30 mm, 50 mm	IRINO-PRO-M	Sapphire Rapid Thinning, High-Quality
PURE-DS-RT-5	Ferrous metals	25 mm, 40 mm, 50 mm	IRINO-PLUS-H	Ferrous metal, Rapid Thinning High-Performance
PURE-DS-RT-6	Ferrous metals	25 mm, 40 mm, 50 mm	IRINO-PLUS-M	Ferrous metal, Rapid Thinning High-Quality



Suspensions are available in customer-tailored formulations in a wide range of viscosities, diamond types, grit sizes, and concentrations.



Diamond suspensions are used with various lapping and polishing pads. We are happy to assist you in finding the best suitable products.



Pureon offers a wide range of customized solutions. Get in touch with us.

Order information

Order code PURE-DS-RT-1
Packing Bottles 1ltr, 2.5 ltr, Containers 5 ltr, 10 ltr
If not specified, 1 liter bottles are filled.
Units Liter [ltr]

Application recommendations

Safety To avoid skin or eye irritation, use appropriate personal protective equipment according to MSDS. Follow all MSDS, safety datasheets, label precautions, and industrial safety and hygiene practices when handling or using this product.

Homogenization For consistent performance, ensure that the suspension is completely homogenized prior to use. Suspensions can separate if stored over extended periods of time and if exposed to variable temperatures.

Dilution This suspension is designed as a ready-to-use product directly from the container and should not be diluted.

Storage Recommended: 5 °C – 30 °C / 40 °F and 90 °F
Sort term: 0 °C – 38 °C / 32 °F and 100 °F

Products should be allowed to return to room temperature prior to use. Storage outside the recommended conditions may result in irreversible product damage.

Disposal Dispose of in accordance with all applicable local regulations.

Contact

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