

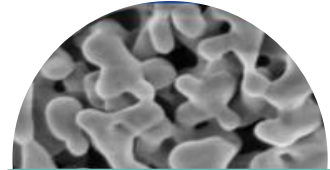
Automotive & Marine

Clear Coat & Gel Coat Polishing



IDEAL Super is a high-grade abrasive for the most demanding automotive and marine compounding applications. It provides an aggressive cutting action for severe first-step polishing applications. Deep scratches, such as all those from sanding operations (down to 1000 grit) can be removed, leveling the surface and imparting a finish suitable for final polish.

IDEAL Super comes as a 5 micrometers (μm) powder that is easily processed in any type of compound formulation for clear coat and gel coat applications.



Removes
deep scratches



Best for severe first-
step polishing

SPECIFICATIONS

Application	Powder or slurry	Nominal particle size (μm)	Particle d50 min (μm)	Particle d50 max (μm)	Surface area min (m^2/g)	Surface area max (m^2/g)
Maximum cut compounds	Powder	5	4	6,5	0	N/A

AVAILABILITY

- 25 or 34 kg drum
- 350 kg super sack

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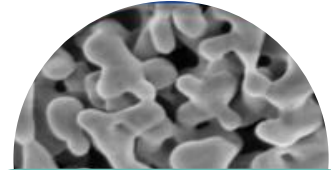
Automotive

Clear Coat Polishing



IDEAL Cut is an advanced alumina (Al_2O_3) abrasive media designed for high cut rates in early-stage automotive polishing applications. The engineered microstructure offers the precision cutting of fine crystallite facets while providing the high inertia cut of large particles. This High Removal Rate Alumina (HRRRA) delivers robust cutting action that corrects severe surface defects quickly and uniformly.

IDEAL Cut comes as a 5 micrometers (μm) powder that is easily processed in any type of compound formulation.



Robust cutting action



Correction of surface defects

SPECIFICATIONS

Application	Powder or slurry	Nominal particle size (μm)	Particle d50 min (μm)	Particle d50 max (μm)	Surface area min (m^2/g)	Surface area max (m^2/g)
Aggressive cut compounds	Powder	5	4	6,5	8	11

AVAILABILITY

- 25 or 34 kg drum
- 350 kg super sack

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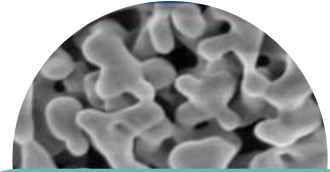
Automotive

Clear Coat Polishing



IDEAL Cut™, is a High Removal Rate Abrasive (HRR) with refinements that maintain strong cutting action while enhancing finish performance. The improved performance is achieved through proprietary processing techniques that result in both a finer and tighter particle size distribution, effectively minimizing coarse particles and maximizing the particles that perform. This product is a perfect fit for any application that only needs a single step of polishing.

The **IDEAL Cut™** engineered microstructure offers the precision cutting of fine crystallite facets with refined aggregate sizes that are ideal for medium cut and one step automotive polishing applications.



1

One step polishing

Medium to high
cutting action

SPECIFICATIONS

Application	Powder or slurry	Nominal particle size (µm)	Particle d50 min (µm)	Particle d50 max (µm)	Surface area min (m²/g)	Surface area max (m²/g)
Med/high cut and 1 step compounds	Slurry	2,5	2	3	9	13

AVAILABILITY

- 5-gallon pail
- 50-gallon drum
- 250-gallon tote

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Automotive

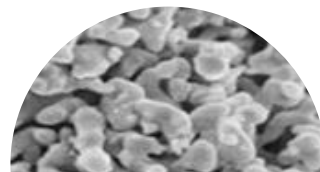
Clear Coat Polishing



IDEAL Hybrid is an innovative solution for single-step automotive polishing engineered to combine the high cutting capabilities of large particle abrasives with the pristine glossing performance of smaller particles.

This hybrid alumina (Al_2O_3) product eliminates the need for multiple polishing stages. **IDEAL Hybrid** provides superior buffing capacities on initial application and through its morphing action, the same particle finishes with high gloss. This dual action particle provides higher efficiency reducing processes to one step.

IDEAL Hybrid comes as a 5 micrometers (μm) powder that is easily processed in any type of compound formulation.



1

One step polishing



Combines high cutting of large particles with glossy finish of small ones

SPECIFICATIONS

Application	Powder or slurry	Nominal particle size (μm)	Particle d50 min (μm)	Particle d50 max (μm)	Surface area min (m^2/g)	Surface area max (m^2/g)
High Cut and 1 step compounds	Powder	5	5	7	18	29

AVAILABILITY

- 25 or 34 kg drum
- 350 kg super sack

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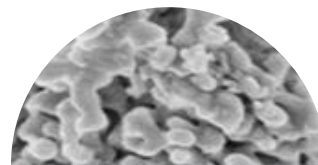
Automotive

Clear Coat Polishing



IDEAL Hybrid[®] alumina particles are provided fully dispersed in aqueous solution without any chemical modification. Its balanced pH provides soft settling and easy dispersion. The alumina particle size centered at 0.75 micrometers provides an excellent solution for cutting action and the removal of holograms and swirls.

The morphing action of the abrasive allows for a fast cut and a high gloss finish, even in tight timeframes. This product is designed for more cut in the finishing step in comparison to our IDEAL Finish product.



Cutting action
on last step of polishing



Excellent gloss

SPECIFICATIONS

Application	Powder or slurry	Nominal particle size (um)	Particle d50 min (um)	Particle d50 max (um)	Surface area min (m ² /g)	Surface area max (m ² /g)
Finishing step (more cut than IDEAL Finish)	Slurry	0,75	0,7	0,8	22	55

pH min	pH max	% solids
7	8.5	30

AVAILABILITY

- 5-gallon pail
- 50-gallon drum
- 250-gallon tote

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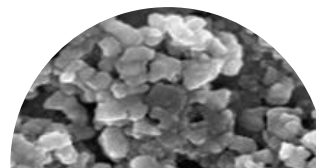
Automotive

Clear Coat Polishing



IDEAL Finish is a novel abrasive media engineered for the extreme gloss in the final step of automotive polishing. It is a fast, efficient, and increasingly cost-effective for automotive clear coat polishing that requires a swirl and hologram-free finish. Fresh off the OEM assembly line, straight out of a body shop paint booth, or dull finish on your daily driver, IDEAL Finish is perfect for final step polishing.

IDEAL Finish is provided fully dispersed without chemical addition in a near-neutral pH aqueous solution concentrated at 30% solids loading. This high-purity abrasive particle dispersion is suitable for polishing clear coats of any variety.



Extreme gloss on last step of polishing



Fast, efficient, cost-effective

SPECIFICATIONS

Application	Powder or slurry	Nominal particle size (µm)	Particle d50 min (µm)	Particle d50 max (µm)	Surface area min (m²/g)	Surface area max (m²/g)
Best finishing gloss/haze	Slurry	0,75	0,7	0,8	30	60

AVAILABILITY

- 5-gallon pail
- 50-gallon drum
- 250-gallon tote

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