



Polishing Crystal Clear 200

Technical Bulletin

We are often asked how to restore a clear finish to the surface of a casting made from Crystal Clear 200. Smooth-On's Joe Domic developed a buffing technique that perfectly restores the clear finish to the surface of a Clear 200 casting. Essentially, the surface must be gradually sanded with increasingly finer grit grades of sandpaper, finally finishing with a sanding gel. The process is described as follows:

1. Begin by sanding the abraded surface that you wish to restore with a medium grit sandpaper (120 grit) until any prominent protrusions or grooves are removed.
2. Next, abrade with a fine grit sandpaper (220 grit).
3. Use of a wet sandpaper (sandpaper specifically made to be used with water) is recommended above 220 grit in order to reduce particle clogging of the sandpaper and excessive heat buildup.
4. Next, after sanding with 220 grit sandpaper, sand again with water and 400 grit sandpaper. Then sand with water and 800 grit wet sandpaper. Now there should be no visible scratches and the surface should appear translucent.
5. To finish, polish with a sanding pad attached to a power drill or drill press (no faster than 1500 rpm) using Nic Sand 10,000 Grit Sanding Gel until the casting is perfectly clear.

NicSand is readily available in the U.S. at hardware and DIY stores. Each unit comes with gel and a sanding pad that can be attached to a drill or drill press. You can contact NicSand at:

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For technical Help You Can Reach Us At:
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Or Visit Our Website at: www.Techno-Industrial.com