

FINISH TYPE	MATERIAL USED	ROUGHNESS AVERAGING (RA) MICRO-INCH RANGE	DESCRIPTION RESULTS
A-1	grade #3 diamond buff	0-1	<ul style="list-style-type: none"> • mirror or optical finishes • most time consuming & costly finish to achieve • steel grade important to results
A-2	grade #6 diamond buff	1-2	
A-3	grade #15 diamond buff	2-3	
B-1	600 grit paper	2-3	<ul style="list-style-type: none"> • removes all tool and machining marks • provides good mold release • light reflecting finish on molded parts, no sheen
B-2	400 grit paper	4-5	
B-3	320 grit paper	9-10	
C-1	600 stone	10-12	<ul style="list-style-type: none"> • removes all tool and machining marks • provides good mold release • mute finish on molded parts, no sheen
C-2	400 stone	25-38	
C-3	320 stone	38-42	
D-1	dry glass bead #11 (8" distance @ 100 psi; 5 secs)	10-12	<ul style="list-style-type: none"> • for decorative finishes • often used for die-cast • helps hide shrink marks & other imperfections • dull, non-reflecting finish on molded or cast parts
D-2	dry blast #240 oxide (5" distance @ 100 psi; 5 secs)	26-32	
D-3	dry blast #24 oxide (6" distance @ 100 psi; 5 secs)	190-23	

Find your plastic material to the left and match it with the suggested finish to achieve your desired results. If you have additional questions please let us know.