



Abrasives

Cast Steel Shot And Grit

SAE J444a SHOT SPECIFICATIONS

SAE SIZE No.	SHOT TOLERANCES	SCREEN OPENING
S780	All Pass No. 7 Screen 85% Min on No. 10 Screen 97% Min on No. 12 Screen	.0111 .0787 .0661
S660	All Pass No. 8 Screen 85% Min on No. 12 Screen 97% Min on No. 14 Screen	.0937 .0661 .0555
S550	All Pass No. 10 Screen 85% Min on No. 14 Screen 97% Min on No. 16 Screen	.0787 .0555 .0469
S460	All Pass No. 10 Screen 5% Min on No. 12 Screen 85% Min on No. 16 Screen 96% Min on No. 18 Screen	.0787 .0661 .0469 .0394
S390	All Pass No. 12 Screen 5% Min on No. 14 Screen 85% Min on No. 18 Screen 96% Min on No. 20 Screen	.0661 .0555 .0394 .0331
S330	All Pass No. 14 Screen 5% Min on No. 16 Screen 85% Min on No. 20 Screen 96% Min on No. 25 Screen	.0555 .0469 .0331 .0278
S280	All Pass No. 16 Screen 5% Min on No. 18 Screen 85% Min on No. 25 Screen 96% Min on No. 30 Screen	.0469 .0394 .0278 .0234
S230	All Pass No. 18 Screen 10% Min on No. 20 Screen 85% Min on No. 30 Screen 97% Min on No. 35 Screen	.0394 .0331 .0234 .0197
S170	All Pass No. 20 Screen 10% Min on No. 25 Screen 85% Min on No. 40 Screen 97% Min on No. 45 Screen	.0331 .0278 .0165 .0139
S110	All Pass No. 30 Screen 10% Min on No. 35 Screen 80% Min on No. 50 Screen 90% Min on No. 80 Screen	.0234 .0197 .0117 .007

SAE J444a GRIT SPECIFICATIONS

SAE SIZE No.	GRIT TOLERANCES	SCREEN OPENING
G12	All Pass No. 8 Screen 80% Min on No. 12 Screen 90% Min on No. 14 Screen	.0937 .0661 .0555
G14	All Pass No. 10 Screen 80% Min on No. 14 Screen 90% Min on No. 16 Screen	.0787 .0555 .0469
G16	All Pass No. 12 Screen 75% Min on No. 16 Screen 85% Min on No. 18 Screen	.0661 .0469 .0394
G18	All Pass No. 14 Screen 75% Min on No. 18 Screen 85% Min on No. 25 Screen	.0555 .0394 .0278
G25	All Pass No. 16 Screen 70% Min on No. 25 Screen 80% Min on No. 40 Screen	.0469 .0278 .0165
G40	All Pass No. 18 Screen 70% Min on No. 40 Screen 80% Min on No. 50 Screen	.0394 .0165 .0117
G50	All Pass No. 25 Screen 65% Min on No. 50 Screen 75% Min on No. 80 Screen	.0278 .0117 .007
G80	All Pass No. 40 Screen 65% Min on No. 80 Screen 75% Min on No. 120 Screen	.0165 .007 .0049
G120	All Pass No. 50 Screen 60% Min on No. 120 Screen 70% Min on No. 200 Screen	.0117 .0049 .0029

