

METAMORPHIC TEXTURES

1. Recrystallized aluminum metal after being rolled and then annealed at high temperature. Originally this metal was extremely fine-grained. It was deformed by being passed through a roller. This induced sufficient strain in the crystals to bring about recrystallization when the metal was heated. Nucleation of new grains, however, occurred only at the few points where the strain was exceptionally high. As a result the recrystallized aluminum is coarse-grained. The slight grain elongation is in the direction the metal was passed through the roller. Reflected light. Width of field 7.4 mm.

