

PHOSPHORESCENT GLASS

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ABSTRACT

Phosphorus is the light-emitting period, sometimes after taking light from an anode source. In the scientific world, new materials that are characterized as phosphorescent with the resistance to heat, atmospheric effects and chemicals have recently been developed. Such a new generation has been extensively researched as long-lasting phosphors due to a growing market for rare earth-enriched alkaline earth silicates and aluminates, glasses, ceramic glazes, resins, brick and tile coatings. In this study, detailed information was given about luminescence, phosphorescence, phosphors, their synthesis, preparation and properties. Additionally, knowledge about phosphorescent pigments, phosphorescent glass and their applications are presented.

Keywords: Phosphor, Phosphorescence, Pigment, Glass, Properties, Application.