



Uyracure-261

oligomer · monomer · photoinitiator · additive

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Uyracure 261 Cationic photoinitiator

(6-cumene)(5-cyclopentadienyl)iron(II)hexafluorophosphate

Molecular Weight	560
Specific Gravity	1.4150
wavelength	415nm
Effective Constituent	50% Propylene Carbonate Mixture
Viscosity	620cps

η 6-cumylferrocene(II) hexafluorophosphate mixture 261 has strong absorption in both far ultraviolet and near ultraviolet. After its light absorption and decomposition, it produces cumene and ferrocene Lewis acid, which initiates cationic polymerization. It was found that it has absorption peaks at 394nm and 462nm caused by d-d transition, and the molar absorption coefficient ϵ is high; using high-pressure mercury lamps and LED cold light sources as radiation sources, it has good photoinitiation activity for cation-based curing reactions. High performance cationic curing varnishes and tinted systems for UV curing inks, adhesives, graphic arts imaging, photoresists, paper, metals and plastics.