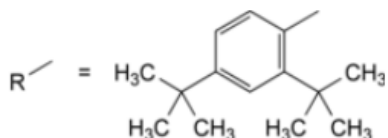
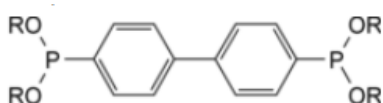


plastic additive 18. [119345-01-6].

mixture of 7 products corresponding to reaction product of di-*tert*-butyl phosphonite with phosphorous trichloride, reaction products with 1,1'-biphenyl and 2,4-di-*tert*-butylphenol:

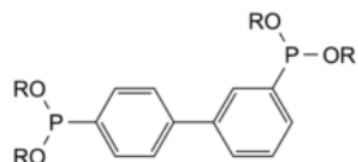


component I



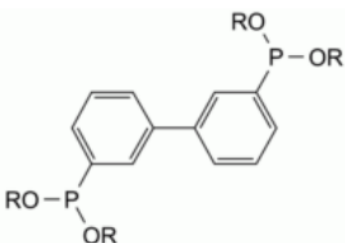
tetrakis(2,4-di-*tert*-butylphenyl) ([1,1'-biphenyl]-4,4'-diyl)bis(phosphonite)

component II



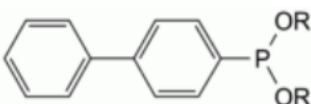
tetrakis(2,4-di-*tert*-butylphenyl) ([1,1'-biphenyl]-3,4'-diyl)bis(phosphonite)

component III



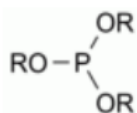
tetrakis(2,4-di-*tert*-butylphenyl) ([1,1'-biphenyl]-3,3'-diyl)bis(phosphonite)

component IV



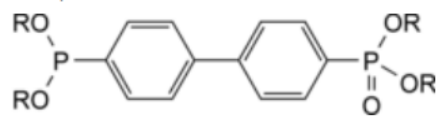
bis(2,4-di-*tert*-butylphenyl) ([1,1'-biphenyl]-4-yl)phosphonite

component V



tris(2,4-di-*tert*-butylphenyl) phosphite

component VI



bis(2,4-di-*tert*-butylphenyl) 4'-[bis(2,4-di-*tert*-butylphenoxy)phosphanyl]([1,1'-biphenyl]-4-yl)phosphonate

component VII

R-OH: 2,4-di-*tert*-butylphenol