



Perseus Tech. International Corp.

Golden Tech. Tower
6F, No. 122, Sin Hu 3rd Rd., Taipei 114, Taiwan, R.O.C.
TEL: +886-2-87922778 FAX: +886-2-87922108
<http://www.p-live.com> E-mail: lei@p-live.com

Fire Retardant Polymer (FIRP series)

1. Introduction

Fire-Retardant Polymer (FIRP) products are made fire retardant by use of halogen additives. The higher the fill rate and/or the higher the additives volume percentage, the better the fire retardancy habits become. The fill rate of additive of FIRP is about 20~40 percent depending on the customer fire retardant class requirement. FIRP is safe & easy to apply into conventional products by per customer requirement.

2. Application

There are many different application areas for FIRP series for electric /or electronic device, decoration...etc. Some of application can be described as follows:

1. As fire retardant for high melting index (injection molding): PP、PE...etc.
2. As fire retardant for: EPDM、TPR、SBR...etc.

3. Features of FIRP series:

1. Environment friendly and nontoxic.
2. Harmless to human body.
3. No auto-propagation of flame
4. Very low smoke development
5. Applicable material: PP, PE, TPE, TPR, SBR...etc. most of the plastic, fiber material.
6. Meet UL-94V0, V1, V2 requirement (per customer requested)
7. RoHS compliance

4. Environment Harmless

FIRP do not contain the material of Pb, Cd, Hg, Cr(IV), PBB, PBDE.

5. Storage

FIRP shall be stored in the cool, dry area and prevent the sun light directly before application. The storage period of FIRP is two years in above condition.