



大恭化學工業股份有限公司

TAH KONG CHEMICAL INDUSTRIAL CORP.

7TH FLOOR 778, PA TE ROAD, SEC.4,

TAIPEI, REPUBLIC OF CHINA

台北市八德路四段七七八號

新矽谷大樓七樓

TEL:(02)7859081-7

TLX:25217 TKCPIGMENT

CABLE:TKCHEMIAL TAIPEI

FAX:(02)7850907

TAC NC 2U032 Non-Halogen Flame Retardant TPU Compound

1. **Description:** Non-Halogen Flame Retardant TPU Compound is an Eco-friendly product which is designed for the flame resistance of TPU. Its formulation has no content of restricted chemicals such as Halogen and Heavy Metals. The product complies with the international regulations such as RoHS, Sony, and Panasonic Green partner. It has excellent dispersion and flame resistance. At the production line of T-Die, Extrusion, Injection, it can replace PVC to make the related flame resistant products.
2. **Characteristics:**
 - a. TPU type: polyether
 - b. No halogen and no heavy metals
 - c. Excellent flame resistance
 - d. Good properties
 - e. No blooming
3. **Flame Resistance:** UL-94 vertical burning “1/16” (inch) can reach V₀.
4. **Appearance:** Opaque Pellet
5. **Properties:**
 - a. **Hardness:** 83± 3A
 - b. **Elongation:** >500% (Laboratory temperature: 27°C)
 - c. **Tensile Strength:** >150kgf/cm² (Laboratory temperature: 27°C)
6. **Remark:** adequate drying before using is recommended (80°C x 4hrs).