



OVERVIEW

Lubrizon's Estane® TPU feature zero halogen flame-retardant compounds that are designed specifically for building and construction environments and applications. Lubrizon also offers a selection of halogenated and non-halogenated flame-retardant compounds for cable jacketing materials, injection-molded parts and other extrusion profiles.

BENEFITS OF ESTANE® TPU

Over the last decade, Lubrizon has developed new, Estane® TPUs Polymers that feature zero halogen content while still maintaining the essential mechanical and processing properties inherent to engineered polymers.

APPLICATIONS

- Industrial
- Automotive
- Mass Transit
- Building/Construction
- Telecommunication
- Alternative Energy
- Oil & Gas
- Military
- Mining
- Marine

AVAILABLE PRODUCTS:

Physical Properties	Product	Hardness	Finish	UL Vertical Burn Rating	Mechanical (Tensile)	Low Smoke (Yes or No)	Comment
Halogen	58370	80A	Matte	V2 / LOI 25	High	No	Low-Temperature Flexibility
	58202	85A	Matte	V0 / LOI 30	High	No	Industry Standard
	58211	90A	Matte	V0 / LOI 32	High	No	Standard Grade
Non-Halogen	ZHF 80AT3	80A	Gloss	V2 / LOI 25	High	No	Softest NHFR / Clear
	58244	90A	Matte	V0 / LOI 28	Average	Yes	Low Smoke
	ZHF 90AT0	90A	Gloss	V2 / LOI 24	High	No	Clear Version
	ZHF 90AT2	90A	Matte	V2 / LOI 25	High	Yes	Higher Mechanicals
	58248	94A	Matte	V0 / LOI 33	High	Yes	Low Smoke / Low Toxicity
	ZHF 95AT3	95A	Matte	V0 / LOI 39	Average	No	High LOI



LUBRIZOL
ENGINEERED
POLYMERS

**ADVANCING MATERIALS.
ELEVATING PERFORMANCE.**

