

ELASTRON THE TPE SPECIALIST

Elastron
TPE

Halogen
Free

Flame
Retardant

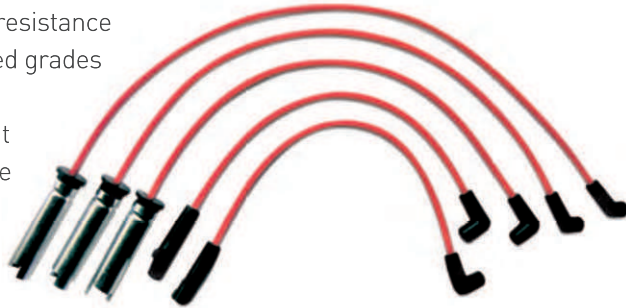
TPE
Compounds

T H E R M O P L A S T I C E L A S T O M E R S


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Features

- Improved Tensile & Elongation property
- Excellent UV / Ozone resistance
- Suitable for dry & wet applications
- Halogen free – Zero Halogen
- Good electrical characteristics
- Low smoke density
- Oil & chemical resistance
- Copper stabilized grades
- Low Density
- RoHS Compliant
- Heavy Metal free
- Non-toxic



Overview

Elastron Halogen Free Flame Retardant (HFFR) grades offer great advantages for electrical industry applications. Low smoke density and non-toxicity are the two important key features of these grades. Grades for both injection and extrusion processes are available.

Applications

- Cable jacketing
- Flexible Cables
- Low-Voltage Cables
- Electrical insulators
- Cable grommets
- Elevator Cables
- Electrical Connectors
- Communication Cables



Elastron Halogen Free Flame Retardant Grades Examples

Grade	Based On	Hardness (Shore)	Density (g/cm ³)	Tensile Strength (Mpa)	Elongation @ Break (%)	FR Rating (UL 94-3.00 mm)
G601.A45	SEBS	45 A	1.14	2.0	450	VO (UL 94 Approval)
G601.A60	SEBS	60 A	1.14	3.5	500	VO (UL 94 Approval)
G601.A95	SEBS	95 A (45 D)	1.15	11.0	500	VO (UL 94 Approval)
V601.A60	TPV	60 A	1.12	3.0	450	VO (UL 94 Approval)
V601.A70	TPV	70 A	1.12	4.5	500	VO (UL 94 Approval)
V601.A95	TPV	95 A (50 D)	1.12	15.0	450	VO (UL 94 Approval)
V201.A55	TPV	55 A	0.97	4.0	500	HB (UL 94 Approval)