

# ELASTE**VER**

Manufacturer of thermoplastic elastomers  
with very high recycled content



- > 70% recycled
- 100% thermoplastic
- At your service

**ELASTE**VER****  
[www.elastever.com](http://www.elastever.com)

[contact@elastever.com](mailto:contact@elastever.com) – +33 (0)2 52 35 26 12

### RECYCLED THERMOPLASTIC ELASTOMERS

Elastever's thermoplastic elastomers (TPE) compounds boast a **very high recycled** content. They include used tyre rubber as one of their main constituents. They are also **fully recyclable** and are suitable for general purpose application such as protection, building, industry and transport. They offer good physical properties and chemical resistance. The different grades can be processed with **conventional thermoplastic** machinery for injection, extrusion or compression moulding.

#### General Properties (depending on the grade)

<b>Color</b>	Black
<b>Recycled Content</b>	72 - 81 %
<b>Main constituents</b>	Used tyre rubber, PP
<b>Process Method</b>	Injection, extrusion, compression moulding

#### Applications



Industry



Transportation



Building



Protection



Consumer good

#### Physical Properties (depending on the grade)

	Value	Unit	Standard
<b>Hardness</b>	50 - 90	shA	ISO 868
<b>Density</b>	1.02		ISO 1183 1-A
<b>100% Modulus</b>	2.3 - 4.4	MPa	ISO 37
<b>Tensile Strength at break</b>	3.7 - 8.5	MPa	ISO 37
<b>Elongation at break</b>	> 250	%	ISO 37
<b>Compression set 72h/23°C</b>	21 - 34	%	ISO 815

**Notes :** The properties shown are typical values and are not intended as product specifications.