

# EcoTPVsuper

- Recycled Thermoplastic Vulcanizate
- 30 % Recycled Content
- Pellets with Black Colour

	Hardness	Tensile Strength	Stress at 100% Strain	Stress at 300% Strain	Elongation at break	Tear Strength
	<i>ISO 868</i>	<i>ISO 37</i>	<i>ISO 37</i>	<i>ISO 37</i>	<i>ISO 37</i>	<i>ISO 34</i>
	<i>Shore A</i>	<i>MPa</i>	<i>MPa</i>	<i>MPa</i>	<i>%</i>	<i>kN/m</i>
<b>EcoTPVsuper Elastic</b>	72	6.3	3.5	6.2	320	7.7
<b>EcoTPVsuper Strength</b>	78	8.7	3.9	6.4	480	12.5

**Processing:**

- **Pre-Drying** is recommended prior to injection moulding for 3 h at 80 °C.
- **Cylinder Temperature:** Injection moulding recommended with 180-220 °C barrel temperature and with a melt temperature of 200-225 °C.
- **Mould Temperature:** 10-50 °C recommended mould temperature

**Barrel temperature profiles:**

<u>Heating position of the barrel</u>	<u>Temperature</u>
Rear	180 °C
Middle	185 °C
Front	190 °C
Nozzle	195-220 °C

Mattias Marklund  
Material development

Mobile: +46 70 399 71 31  
Mail: mattias.marklund@ecorub.se

