

---

**SOPPRENE® 54R100A85/CT - SBS**

---

<b>Physical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1050</b>	kg/m <sup>3</sup>	ISO 1183

<b>Mechanical properties (TPE)</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile strain at break (TPE)	<b>563</b>	%	ISO 37
Tensile stress at break (TPE)	<b>7.1</b>	MPa	ISO 37
Shore A hardness, 3s	<b>87</b>	-	ISO 868
Tear strength	<b>38</b>	kN/m	ISO 34-1

**Typical injection moulding processing conditions**

---

<b>Temperature</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Zone1 temperature	<b>155 - 165</b>	°C	-
Zone2 temperature	<b>165 - 175</b>	°C	-
Zone3 temperature	<b>175 - 185</b>	°C	-
Nozzle temperature	<b>180 - 190</b>	°C	-
Mold temperature	<b>20 - 40</b>	°C	-