

**Datasheet**  
**Rubberplaat EPDM ES01**

**POLYMER: EPDM**

Physical properties	Unit	Value	Standard
<b>Hardness</b>	° Shore A	70±5	ASTM D2240
<b>Density</b>	g/cm <sup>3</sup>	1.31 ±0.05	
<b>Tensile strength</b>	MPa	≥7	ISO 37
<b>Elongation at break</b>	%	≥300	ISO 37
<b>Tear resistance</b>	N/mm	≥20	ISO 34-1
<b>Compression set 24h/ 70°C:</b>	%	≤30	ISO 815-1
<b>Working temperature range</b>	° C min/max	-40/+120	
<b>Ageing</b> - hardness after 70h at 70°C - tensile strength after 70h at 70°C - elongation at break after 70h at 70°C - ozone resistance, 200pph, 48h 38°C, 20%	° Shore A % % %	≤5 ≤-15 ≤-40 No crack	ASTM D573 ASTM D573 ASTM D573 ASTM D1149 type A