

**Datasheet**  
**Rubberplaat Food Pac R642**

**POLYMER: NR WHITE**

Physical properties	Unit	Value	Standard
Hardness	° Shore A	65±5	ASTM D2240
Density	g/cm <sup>3</sup>	1.40 ±0.05	
Tensile strength	MPa	≥10	ISO 37
Elongation at break	%	≥600	ISO 37
Tear resistance	N/mm	≥26	
Abrasion resistance (10N)	mm <sup>3</sup>	≤200	ISO 4649
Compression set 24h/ 70°C	%	≤35	ISO 815-1
Working temperature range	° C min/max	-45/+80	
Ageing - hardness after 70h at 70°C - tensile strength after 70h at 70°C - elongation at break after 70h at 70°C	° Shore A % %	≤5 ≤-20 ≤-30	ASTM D573 ASTM D573 ASTM D573
Food grade - EC 1935/2004 - EC 2023/2006 - FDA			