

MATERIAL SPECIFICATION

Material: DA58688
Description: Silicone 65 White RAL 9010

Property	Unit	Requirement	Test Method
Hardness	°IRHD	65+/-5	ISO 48
Typical density	g/cm3	1,15+/0,02	ISO 2781
Tensile strength	MPa	Min 8	ISO 37
Elongation at break	%	Min 300	ISO 37
Tear strength	kN/m	Min 18	ISO 34-1-C
Compression set (25% compression) after 24h/175°C	%	Max 30	ISO 815
Compression set (25% compression) after 24h/100°C	%	Max 25	ISO 815
Compression set (25% compression) after 24h/-25°C	%	Max 20	ISO 815
Hardness change after ageing 72h/225°C	°IRHD	Max +10	ISO 48/188
Tensile strength change after ageing 72h/225°C	%	Max -20	ISO 188
Elongation at break, change after ageing 72h/225°C	%	Max -30	ISO 188

Standards & Classifications

Other Information