

MATERIAL SPECIFICATION

Material: 9098730
Description: EPDM Black 70

Property	Unit	Requirement	Test Method
Hardness	°IRHD	70+/-5	ISO 48
Typical density	g/cm ³	1,18	ISO 2781
Tensile strength	MPa	min 7	ISO 37
Elongation at break	%	min 200	ISO 37
Compression set (25% compression) after 24h/70°C	%	max 25	ISO 815
Compression set (25% compression) after 24h/100°C	%	max 35	ISO 815
Compression set (25% compression) after 24h/-25°C	%	max 80	ISO 815
Hardness change after ageing 168h/100°C	°IRHD	max +/-15	ISO 48/188
Tensile strength change after ageing 168h/100°C	%	max +/-30	ISO 188
Elongation at break, change after ageing 168h/100°C	%	max -50	ISO 188
Low temperature brittleness	°C	max -40	ISO 812
Ozone resistance 96 h/50 pphm	%	min 100	ISO 1431-1

Standards & Classifications

DIN 7863 table 2
 ASTM D2000-08 M3BA 707 B13 C12 F17

Other Information