



MATERIAL Silicone 70 Shore Grey

DESCRIPTION Extrusion grade formulated to meet FAR 25.853

APPLICATION This material has excellent thermal resistance to both high and low temperatures, is good with oxygen and ozone attack and has a very high permeability resistance.

TEMPERATURE Low temperature service limit -76°F (-60°C)
Upper temperature continuous service limit +446°F (+230°C)

PRODUCTS Extrusions (cords/profiles/tubes)
Hot Vulcanised O rings & Profiles

PHYSICAL PROPERTIES

ORIGINAL	STANDARD	TYPICAL VALUES
Specific Gravity	BS ISO 2781:2008 + A1 : 2012	1.39
Durometer IRHD	BS ISO 48:2010	70
Elongation at break (%)	BS ISO 37:2011 (E)	530
Tensile strength (Mpa)	BS ISO 37:2011 (E)	7.2
Tear (N/mm)	BS ISO 34-1:2010 (E) - Method C	35

Information

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