

Compound GPlast™ 330B Ultra High Temperature (UL)
POLYMER TYPE: Perfluoroelastomer FFKM80 (+/-5°)

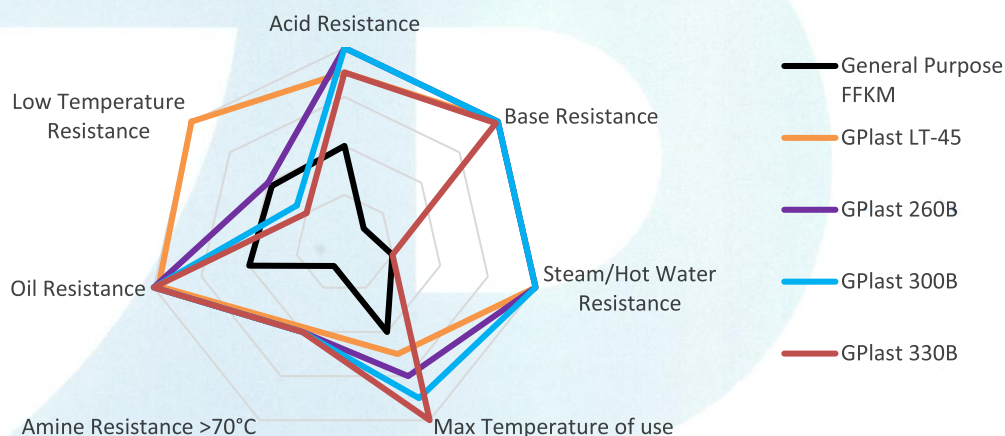
Physical Properties

Property	Test Method	Units	Typical Values
COLOUR			Black
HARDNESS	ISO 48	°IRHD	77
TENSILE STRENGTH	ISO 37	MPa	11.3
MODULUS @ 100%	ISO 37	MPa	8.9
ELONGATION @ BREAK	ISO 37	%	175
TEAR STRENGTH	ISO 34	N/mm	22.0
SPECIFIC GRAVITY	ISO 2781	g/cm3	2.00
COMPRESSION SET VALUE IN AIR 25% STRAIN – 24HRS @ 204°C	ISO 815	%	15.4

Description

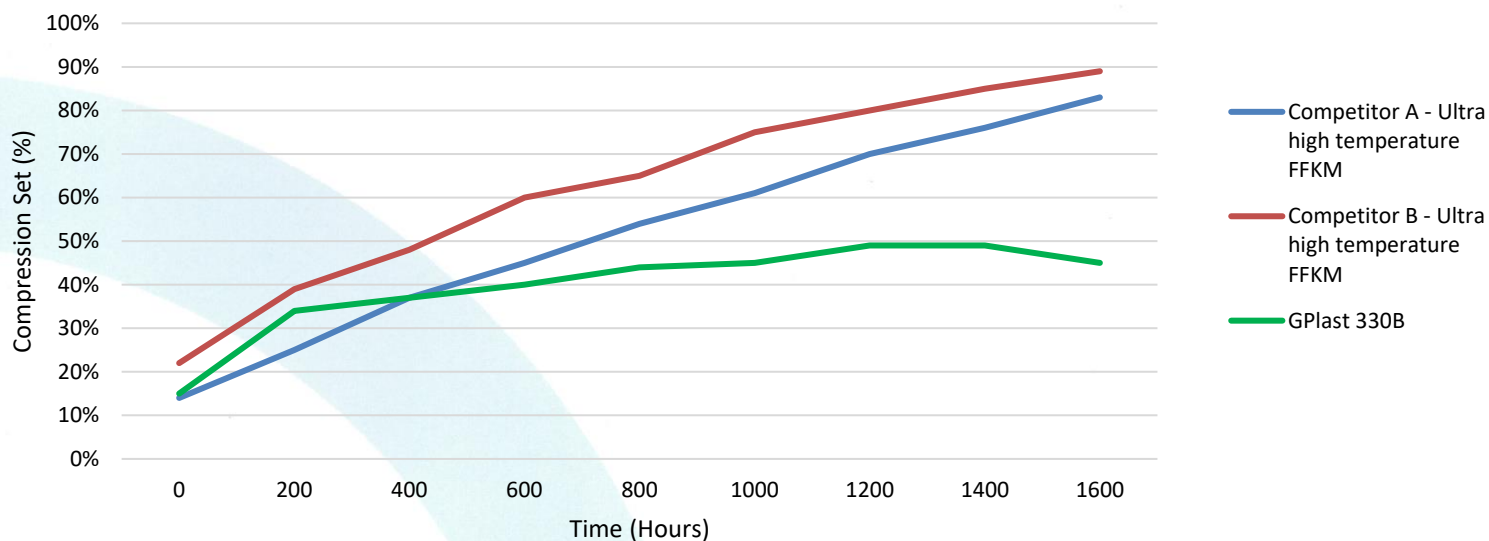
This Black material has the highest thermal rate of the GPlast™ grades up to +330°C (+626°F) and has similar chemical resistance to that of PTFE but with elastomeric properties comparable to standard fluorocarbon rubbers. Developed for its performance at constant elevated temperatures. This material is not suitable for high temperature water or steam applications. Along with all our GPlast™ range, this grade is suitable for use in a wide range of applications where other polymers are not suitable. Do not use any GPlast™ grade with molten alkali metals. Service Temperatures +330°C (+626°F) to -16°C (+3°F).

Chemical Resistance



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Compression set values in air under 25% strain on BS214 O-Rings, 300°C



Compression set values in air under 25% strain on Type B buttons, 200°C

