



Compound GPlast™ T156 General Purpose (UZ)
POLYMER TYPE: Perfluoroelastomer FFKM75 (+/-5°)

Physical Properties

Property	Test Method	Units	Typical Values
COLOUR			Black
HARDNESS	ISO 48	°IRHD	75
TENSILE STRENGTH	ISO 37	MPa	18.1
MODULUS @ 100%	ISO 37	MPa	14.4
ELONGATION @ BREAK	ISO 37	%	123
TEAR STRENGTH	ISO 34	N/mm	19.0
SPECIFIC GRAVITY	ISO 2781	g/cm ³	2.01
COMPRESSION SET VALUE IN AIR 25% STRAIN – 24HRS @ 204°C	ISO 815	%	34.2

Description

This black material provides excellent temperature resistance up to +240°C (+468°F) and has similar chemical resistance to that of PTFE but with elastomeric properties comparable to standard fluorocarbon rubbers. 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 +240°C (+468°F) to -15°C (+5°F).

Chemical Resistance

1. Suitable, little or no effect. 2. Minor to moderate effect, not maximum resistance. 3. Moderate to severe effect – may be useful in some limited applications. 4. Unsuitable and not recommended – severe effect.

<u>Chemical Group</u>	<u>Rating</u>	<u>Chemical Group</u>	<u>Rating</u>
Aromatics / Aliphatic Oils	1	Ethylene	1
Acids	1	Esters	1
Alkalis	1	Ketones	1
Alcohols	1	Propylene Oxide	1
Aldehydes	1	Steam/Hot Water	1
Amines	1	Strong Oxidisers	1
Ethers	1		

More detailed information available on request.