

**Compound GPlast™ 260G Universal Green (Ux)**  
**POLYMER TYPE: Perfluoroelastomer FFKM75 (+/-5°)**

## Physical Properties

Property	Test Method	Units	Typical Values
COLOUR			Green
HARDNESS	ISO 48	°IRHD	72
TENSILE STRENGTH	ISO 37	MPa	15.6
MODULUS @ 100%	ISO 37	MPa	13.1
ELONGATION @ BREAK	ISO 37	%	129
TEAR STRENGTH	ISO 34	N/mm	15.9
TR10	ISO 2921	°C	-7
SPECIFIC GRAVITY	ISO 2781	g/cm3	2.54
COMPRESSION SET VALUE IN AIR 25% STRAIN – 24HRS @ 204°C	ISO 815	%	25.8

## Description

This Green FFKM material provides outstanding temperature resistance up to +260°C (+500°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 +260°C (+500°F) to -22°C (-8°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.

Chemical Group	Rating
Aromatics / Aliphatic Oils	1
Acids	2
Alkalies	1
Alcohols	1
Aldehydes	1
Amines	1
Amines > 70°C	2
Ethers	1
Ethylene	1
Esters	1
Ketones	1
Propylene Oxide	1
Steam/Hot Water	1
Strong Oxidisers	1

More detailed information available on request.