



**Compound GPlast™ 300W Ultra Pure White (UG)**  
**POLYMER TYPE: Perfluoroelastomer FFKM75 (+/-5°)**

### *Physical Properties*

Property	Test Method	Units	Typical Values
COLOUR			White
HARDNESS	ISO 48	°IRHD	70
TENSILE STRENGTH	ISO 37	MPa	17.3
MODULUS @ 100%	ISO 37	MPa	5.51
ELONGATION @ BREAK	ISO 37	%	233
TEAR STRENGTH	ISO 34	N/mm	13.3
SPECIFIC GRAVITY	ISO 2781	g/cm <sup>3</sup>	2.41
<b>COMPRESSION SET VALUE IN AIR</b>			
25% STRAIN – 22HRS @ 204°C	ISO 815	%	18.7
25% STRAIN – 72HRS @ 204°C	ISO 815	%	23.3
25% STRAIN – 168HRS @ 204°C	ISO 815	%	31.1

### *Description*

This white material provides excellent temperature resistance up to +300°C (+572°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.