



**Compound GPlast™ 260B Universal Black (UD)**  
**POLYMER TYPE: Perfluoroelastomer FFKM75 (+/-5°)**

**Physical Properties**

Property	Test Method	Units	Typical Values
COLOUR			Black
HARDNESS	ISO 48	°IRHD	77
TENSILE STRENGTH	ISO 37	MPa	16.4
MODULUS @ 100%	ISO 37	MPa	10.4
ELONGATION @ BREAK	ISO 37	%	159
TEAR STRENGTH	ISO 34	N/mm	15.6
SPECIFIC GRAVITY	ISO 2781	g/cm <sup>3</sup>	2.03
COMPRESSION SET VALUE IN AIR 25% STRAIN – 24HRS @ 204°C	ISO 815	%	24.4

**Description**

This Black material provides excellent 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 -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.

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

More detailed information available on request.

Since development and improvement of compounds is a continuing process, Gapi reserves the right to modify their composition and characteristics.  
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**Seal & Design  
Able Division**  
5533 Steeles Avenue West Unit 11  
Toronto, Ontario M9L 1S7  
Ph: (416) 741-0750  
Gasket@AbleSealAndDesign.com

**Seal & Design  
Corporate Headquarters**  
4015 Casilio Parkway  
Clarence, NY 14031  
Ph: (716) 759-2222  
Info@SealAndDesign.com  
[www.SealAndDesign.com](http://www.SealAndDesign.com)

**Seal & Design  
Higbee Division**  
6741 Thompson Rd N  
Syracuse, NY 13221  
Ph: (315) 432-8021  
Sales@Higbee-Inc.com