



**TYPICAL PROPERTY DATA SHEET  
BP FLEX D4107 GO1 BLK**

<b>Product Information:</b> TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment  <b>Product Features:</b> <ul style="list-style-type: none"> <li>* Tear Resistance, High</li> <li>* UV Resistance, Good</li> <li>* Density, Low</li> <li>* Wide service range from -20 degrees C to 120 degrees C</li> </ul>	<b>Appearance:</b>  <b>Forms:</b>  <b>Processing Method:</b> * Injection Molding <b>Processing Guide available upon request.</b>
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PHYSICAL	UNIT	OTHER INFORMATION	TEST METHOD	NOMINAL VALUES
MELT FLOW INDEX	g/10 min	can be adjusted for your injection or extrusion application.	ASTM D-1238	10 18
ASH	%		ASTM D-5630	0% - 5%
SPECIFIC GRAVITY	g/cc		ASTM D-792	
GARDNER IMPACT	ft./lb. @ RT		ASTM D-5420	
FLEX MODULUS	psi @ RT MPa	Minimum Value	ASTM D-790	32,000 - 50,000
TENSILE STRENGTH	psi MPa	Minimum Value	ASTM D-638	1,000 min
NOTCHED IZOD	ft.lbs./in.		ASTM D-256	
SHORE HARDNESS	Shore		ASTM D-2240	37 - 47 D
SHRINKAGE	in./in.		ASTM D-955	

Typical values should not be construed as a guarantee analysis of any specific lot or as specification items. The properties of any single lot or shipment of product may vary from the above typical analysis. All information contained herein is accurate and to the best of our knowledge. However, Buckeye Polymers, Inc. assumes no liability, nor makes any guarantee to the accuracy or completeness of the information contained herein. Final determination as to the suitability of any information, or use of material, is solely the responsibility of the user.

Buckeye Polymers can custom compound a material to meet your specifications.

**Buckeye  
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