



**TYPICAL PROPERTY DATA SHEET  
BP FLEX D 4107 CU 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>Appearance:</b>	Black
<b>Product Features:</b>	*Tear Resistance, High * UV Resistance, Good * Density, Low * Wide service range from -20 degrees C to 120 degrees C	<b>Forms:</b>	Pellets
		<b>Processing Method:</b>	* Injection Molding
		<b>Processing Guide available upon request.</b>	

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	8 - 12
ASH	%		ASTM D-5630	4% - 10%
SPECIFIC GRAVITY	g/cc		ASTM D-792	.93 - .95
FLEX MODULUS	psi @ RT MPa	Minimum Value	ASTM D-790	45,000 -70,000
TENSILE STRENGTH	psi MPa	Minimum Value	ASTM D-638	1,000 min
SHORE HARDNESS	Shore		ASTM D-2240	42 - 48 D

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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