



**TYPICAL PROPERTY DATA SHEET
BP FLEX D6509 CU BLK**

Product Information: TPO's are a family of thermoplastic elastomers which exhibit rubber-like properties and are processable on conventional thermoplastic equipment Product Features: <ul style="list-style-type: none"> * Tear Resistance, High * UV Resistance, Good * Density, Low * Wide service range from -20 degrees C to 120 degrees C 	Appearance: Forms: Processing Method: * Injection Molding Processing Guide available upon request.
--	---

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	5 - 9
ASH	%		ASTM D-5630	28% - 34%
SPECIFIC GRAVITY	g/cc		ASTM D-792	1.14 - 1.20
GARDNER IMPACT	ft./lb. @ RT		ASTM D-5420	70 min
FLEX MODULUS	psi @ RT MPa	Minimum Value	ASTM D-790	190,000 - 230,000
TENSILE STRENGTH	psi MPa	Minimum Value	ASTM D-638	
NOTCHED IZOD	ft.lbs./in.		ASTM D-256	
SHORE HARDNESS	Shore			60 -67 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
Polymers, Inc.**

104 Lee Street
Lodi, Ohio 44254
Phone (330)948-3007
Fax (330)948-2037
www.buckeyepolymers.com