



**TYPICAL PROPERTY DATA SHEET  
BP FLEX D 5518 R 848**

<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 or Natural
<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>	Strand or Gala cut
		<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	15.0 - 19.0
ASH	%		ASTM D-5630	2.0 - 7.0
GARDNER IMPACT	ft./lb. @ RT	Minimum Value	ASTM D-5420	140
FLEX MODULUS	psi @ RT MPa		ASTM D-790	470 - 950 68,150 - 137,750
TENSILE STRENGTH	psi MPa	Minimum Value	ASTM D-638	12 1,740
NOTCHED IZOD	ft.lbs./in.	Minimum Value	ASTM D-256	213.6 4
NOTCHED IZOD@-30C	ft.lbs./in.	Minimum Value	ASTM D-256	53.4 1
SHRINKAGE	in./in.		ASTM D-955	.012 - .015

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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