



## Physical Property Data Sheet BP FLEX D7030 BLACK



<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 - Available</li> <li>* Abrasion Resistance, Moderate</li> <li>* Wide service range from -20 degrees C to 120 degrees C</li> <li>* High Impact resistance</li> </ul>	<b>Appearance:</b> * Black <b>Recycled Content:</b> * No <b>Forms:</b> * Pellets <b>Processing Method:</b> * Injection Molding Processing Guide available upon request.
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PHYSICAL	UNIT	OTHER INFORMATION	TEST METHOD	NOMINAL VALUES
HARDNESS	Shore D(10 sec)		ASTM D-2240	54 - 58
SPECIFIC GRAVITY	g/cc		ASTM D-792	.90 - .915
FLEX MODULUS	MPa	MINIMUM VALUE	ASTM D-790	925
MELT FLOW INDEX	g/10 min		ASTM D-1238	2.0 - 5.0
ASH	%		ASTM D-5630	< 5.0%
TENSILE STRESS	MPa	MINIMUM VALUE	ASTM D-638	18
NOTCHED IZOD	ft.lbs./in. @ RT	MINIMUM VALUE	ASTM D-256	NB
NOTCHED IZOD	ft.lbs./in. @ -20°C	MINIMUM VALUE	ASTM D-256	2.5
GARDNER IMPACT	ft./lb. @ RT	MINIMUM VALUE	ASTM D-5420	320
GARDNER IMPACT	ft./lb. @ -20°C	MINIMUM VALUE	ASTM D-5420	300

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.

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