



**TYPICAL PROPERTY DATA SHEET  
BP HDPE 9610 R BIK**

<b>Product Information:</b> Our HDPE grade of materials are designed to offer excellent physical properties while providing costs savings versus higher cost prime equivalents. Buckeye Polymers HDPE materials are being used in many applications such as dunnage trays, containers, toys and recreational items.	<b>Appearance:</b> Black
	<b>Forms:</b> Pellet
<b>Product Features:</b> <ul style="list-style-type: none"> <li>* Large volume availability</li> <li>* ISO 9001 approved quality and COA's with each shipment</li> <li>* Meets or exceeds GMP.PE.008</li> <li>* Easily recyclable at point of molding</li> </ul>	<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	6 -10
DENSITY	g/cc	conv method from Specific Gravity	ASTM D-1505	.95 - .955
FLEX MODULUS	psi @ RT MPa	Minimum Value	ASTM D-790	116,000
NOTCHED IZOD	ft/lbs in. @RT J/M	1.0 min. 53.4 min.	ASTM D-256	1.5 80
TENSILE STRENGTH	psi MPa	Minimum Value	ASTM D-638	2900
*ELONGATION @ Break	%	Minimum Value	ASTM D-638	400

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.

\* Physical property testing for these properties are completed at an outside accredited laboratory for independent varification on an annual basis

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

**Buckeye  
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