



**TYPICAL PROPERTY DATA SHEET
BP FLEX A6310 BLK**

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| Product Information: BP Flex Thermoplastic Elastomers are based on SEBS polymers (Styrene-ethylene/butylene-styrene) providing increased oxidation and weather resistance, higher service temperatures, and increased processing stability Product Features: <ul style="list-style-type: none"> * Low Temperature Performance, Excellent * Tensile Strength, High * Reprocessable * Valves - seals, Grommets, Under Hood Applications * Ozone resistance, Superior | Appearance: Forms: Processing Method: * Injection Molding Processing Guide available upon request. |
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| 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 | 3 - 57 |
| ASH | % | | ASTM D-5630 | 32% - 39% |
| SPECIFIC GRAVITY | g/cc | | ASTM D-792 | |
| GARDNER IMPACT | ft./lb. @ RT | | ASTM D-5420 | |
| FLEX MODULUS | psi @ RT MPa | Minimum Value | ASTM D-790 | |
| TENSILE STRENGTH | psi MPa | Minimum Value | ASTM D-638 | |
| NOTCHED IZOD | ft.lbs./in. | | ASTM D-256 | |
| SHORE HARDNESS | Shore | | ASTM D-2240 | 58 - 62 A |
| 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
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