# BP Flex A 6410 NAT

### Thermoplastic Elastomer

Buckeye Polymers, Inc.

### Message:

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.

Features:

Low Temperature Performance, Excellent

Tensile Strength, High

Reprocessable

Valves - seals, Grommets, Under Hood Applications Processing Method: \* Injection Molding

Ozone resistance, Superior

| General Information                   |                           |          |             |
|---------------------------------------|---------------------------|----------|-------------|
| Features                              | Good Processing Stability |          |             |
|                                       | Good Weather Resistance   |          |             |
|                                       | High Tensile Strength     |          |             |
|                                       | Oxidation Resistant       |          |             |
|                                       | Ozone Resistant           |          |             |
|                                       | Recyclable Material       |          |             |
|                                       |                           |          |             |
| Uses                                  | Automotive Applications   |          |             |
|                                       | Automotive Under the Hood |          |             |
|                                       | Grommets                  |          |             |
|                                       | Seals                     |          |             |
|                                       | Valves/Valve Parts        |          |             |
|                                       |                           |          |             |
| Appearance                            | Natural Color             |          |             |
| Processing Method                     | Injection Molding         |          |             |
| Physical                              | Nominal Value             | Unit     | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 |                           |          |             |
| kg)                                   | > 5.0                     | g/10 min | ASTM D1238  |
| Ash Content                           | 33 to 39                  | %        | ASTM D5630  |
| Hardness                              | Nominal Value             | Unit     | Test Method |
| Durometer Hardness (Shore A)          | 60 to 68                  |          | ASTM D2240  |

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