

Standard Colours: Clear & Black

Our most popular bumpers! Every bumper is available in Clear and Black. The crystal clear bumper is nearly invisible when used for translucent or see-through applications.

Additional Colours: White, Brown & Grey

Most bumpers are stocked in every colour and ready for shipment, however, colours are inventoried based on popularity. Please call to confirm availability of white, brown and grey. There is no additional charge for clear or pigmented Bumpers.

Custom Shapes & Colours

We are the only company that provides full engineering support to help you design a bumper to meet your particular needs! Our staff will meticulously assist your company with the completion of any project. A one-time charge (this differs with size) for tooling and set-up applies. Your final cost/m (m=thousand) will be consistent with our existing line of bumpers. The volume of polyurethane required for custom shapes, difficulty of manufacturing, and normal and customary waste are factors in pricing. You can be assured we are dedicated to providing you with the most competitive prices in the global marketplace!

Special Die-Cut Pads

Available die-cut in strips or smaller pads for a minimal cost/m and a one-time tool charge.

NEW Softer Durometer for Sound Dampening

A new softer durometer is offered in two of our standard profiles: BS-1-SD and BS-12-SD. (The -SD suffix designates the softer durometer.) Please call for the availability of other profiles. Not for load bearing applications.

Polyurethane

The results of the physical test performed on Bumper Specialties polyurethane material are summarised in the table below. Please note, these tests were performed on hand mixed samples and the values are averaged. Values obtained from machine mixed samples would be better due to improved mixing and reduction or elimination of entrapped air.

| TEST METHOD | VALUES STANDARD DUROMETER | NEW SOFTER DUROMETER |
|--|------------------------------|-------------------------|
| Tensile Strength, psi (g/cm ²) | 627 (44,082) | 750 psi (52,730) |
| Elongation, % | 192 | 607 |
| Tear Strength, pli (g/cm) | 214 (38,216) | 127 (22,680) |
| Hardness, Shore A | 60 Ñ 70 | 50 Ñ 55 |
| Bashore Rebound, % | 27 | 35 |
| Abrasion Resistance g/1000 cycles Tabor H18, 1kg | 0.016 | 0.010 |
| QUV (500 hours) | Slight Yellowing | No Data Available |

| UL-94 HBF TESTING: | PASSES: |
|-----------------------------------|--|
| self extinguishing time, seconds | 66.6 not heat aged Ñ 72.0 heat aged |
| self extinguishing length, inches | 0.62 not heat aged Ñ 0.52 heat aged |
| burn rate, inches per minute | 0.02 not heat aged Ñ no data available |

These data are based on laboratory flammability tests and should not be used to predict performance under actual fire conditions. Due to the many varying applications for our products, we recommend performing suitability tests on the original materials before use in each case. Our applications engineering service is available for you to consult.

Notice to Purchaser

Information and specifications contained herein are believed to be reliable, but no assurance is given as to the accuracy or completeness of technical information or recommendations. The Sellers or Manufacturers sole undertaking with respect to the product in lieu of all warranties of any kind is to replace any of the product that is proved to be defective. Neither Seller nor Manufacturer makes any warranty or representation the product is suitable for any specific purpose, nor shall Seller or Manufacturer be liable for any incidental or consequential damages for breach of any expressed or implied warranty. No person is authorized to assume for Seller or Manufacturer any liability or obligation in regard to this product other than as expressly set forth in this paragraph.