

# Product Data Sheet

## DURAFLEX® 190S TG SBS

<b>Physical Properties (ASTM D5147):</b>	<b>Test Results</b>	<b>ASTM D6164 Minimum Standard</b>
Tensile Strength (lbf/in), 0°F (MD/XMD)	114/99 lbf/in	70 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	103/74 lbf/in	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	45/59%	20%
Elongation (% @ Max Load), 73°F (MD/XMD)	54/61%	35%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	57/68%	35%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	115/92 lbf	55 lbf
Low Temperature Flexibility, (°F), maximum	0°F (-18°C)	0°F
Dimensional Stability, %, maximum	<0.2%	1%
High Temperature Stability, (°F)	250°F (121°C)	215°F

DuraFlex® 190S TG SBS is a tough smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) torch applied membrane. Manufactured with a non-woven polyester mat and fiberglass strands for enhanced dimensional stability, high tear strength and puncture resistance. It is saturated and coated with high quality, asphaltic bitumen and SBS elastomers for a durable, flexible and easily maintainable membrane. Designed for use as a base sheet or interply sheet in modified bitumen torch SBS roof systems.

### Product Name: DuraFlex® 190S TG SBS

### Classification: SBS Modified Bitumen Base Sheet

**Application Method:** DuraFlex® 190S TG SBS is applied using torch welding techniques.

**Approvals:** Meets ASTM D 6164 Type I, Grade S. DuraFlex® 190S SBS is UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved, and listed with Texas Department of Insurance (TDI) RC-123. Contact U.S. Ply, Inc. for specific/applicable codes.

### Product Data: DuraFlex® 190S TG SBS (typical)

Thickness: 3.0 mm (120 mils)

Weight: 90 lbs/roll (41 kg/m<sup>2</sup>)

Roll Dimensions: 39 3/8" x 32' 9" (1m x 10m). Each roll is approximately 1 square.

**Green Standards Information:** DuraFlex® 190S TG SBS contains approximately 11.9% of recycled materials by product weight. 2.9% of materials are comprised of post consumer recycled materials and 9.1% of materials are comprised of post industrial recycled materials. The post consumer recycled materials are derived from recycled post consumer plastics which averts disposal in landfills or commercial dumps. The post industrial recycled materials are derived from reclaimed non-hazardous coal combustion by-product waste which averts disposal of coal by-product waste in landfills or commercial dumps.

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and

independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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