

# Solprene<sup>®</sup> 303

## DESCRIPTION:

Solprene 303 is a linear random-block styrene-butadiene copolymer with 46% styrene content, 11% present as a polystyrene block.

Solprene 303 is used in vulcanized microcellular shoe soles; it provides hardness and can be combined with inorganic fillers using high concentration of them with good dispersion in compounding. It can be blended with other rubbers to reduce die swell and increase processability in extruded and molded goods by compression.

It is available in bales wrapped in low melting point polyethylene film.

## TECHNICAL DATA:

<b>Polymer Properties</b>	<b>Value</b>	<b>Test Method</b>
Volatile matter, % max	0.75	ASTM D-5668
Mooney viscosity ML(1+4) 100°C	48	ASTM D-1646
Total styrene, %	46	ASTM D-5775
Block styrene, %	11	ASTM D-3314
Insoluble content, % max	0.10	QC-FP-011
Color(YI), max	15	QC-RM-007

**Note:** These are typical results only and are not to be construed as specifications.

## APPLICATION:

- ✓ Vulcanized products.

For additional technical information, please contact us

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TECHNICAL DATA SHEET