

## LG Chemical LG-501 Styrene-Butadiene-Styrene

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene/Butadiene/Styrene (SBS)

**Material Notes:**

Description: Linear structure, Non-Oil Extended Grade Thermoplastic Elastomer  
Application: Asphalt Modifier, Plastic Modifier, Compounding, Adhesives etc  
CAS No. 9003-55-8  
Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-LG-501-Styrene-Butadiene-Styrene.php](http://www.lookpolymers.com/polymer_LG-Chemical-LG-501-Styrene-Butadiene-Styrene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ISO 2781
Volatiles	<= 0.50 %	<= 0.50 %	ASTM D1416
Viscosity	13.4 cP	13.4 cP	5% Toluene Solution; ASTM D445
Melt Flow	<= 1.0 g/10 min @Load 5.00 kg, Temperature 200 °C	<= 1.0 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	ASTM D2240

Thermal Properties	Metric	English	Comments
Flash Point	288 °C	550 °F	

Chemical Properties	Metric	English	Comments
Styrene Content	31 %	31 %	LSYQS1D011

## Contact Songhan Plastic Technology Co.,Ltd.

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