

# LG SBS LG-503

Styrene Butadiene Styrene Block Copolymer  
LG Chem Ltd.

Message:

Description  
Linear structure, Non-Oil Extended Grade Thermoplastic Elastomer  
Application  
Asphalt Modifier, Plastic Modifier, Compounding, Adhesives etc

General Information			
Features	General Purpose		
Uses	Adhesives		
	Footwear		
	Plastics Modification		
Forms	Pellets		
Processing Method	Calendering		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm <sup>3</sup>	ISO 2781
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	6.0	g/10 min	ASTM D1238
Styrene Content	31	%	Internal Method
Volatile Matter	< 0.50	wt%	ASTM D1416
Structure	Linear		
T.S.V.	1140	cSt	ASTM D445
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240

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