

LG Chemical LG-512 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-512-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	8.6 cP	8.6 cP	5% Toluene Solution; ASTM D445
Melt Flow	1.5 g/10 min @Load 5.00 kg, Temperature 200 °C	1.5 g/10 min @Load 11.0 lb, Temperature 392 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	ASTM D2240

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

Chemical Properties	Metric	English	Comments
Styrene Content	33 %	33 %	LSYQS1D011

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