

Luprene® LG501

LG501

Styrene-Butadiene-Styrene

Description

Linear Structure, Non-oil Extended Grade
Thermoplastic Elastomer

Application

Asphalt Modifier, Plastic Modifier
Compounding, Adhesives, etc

Physical Properties

Test Item	Test method	Unit	Typical Value
Structure	-	-	Linear
Styrene Content	LSY-QB-SD015 ¹⁾	%	31.0
Density	ISO 2781	g/cm ³	0.94
T.S.V ²⁾	ASTM D445	cSt	13.2
Hardness	ASTM D2240	Shore A	79
Volatile Matter	ASTM D1416	%	< 0.6
Yellow Index	ASTM D1925	-	< 6
Other			
Physical Form	Porous pellet(LG501S), Powder(LG501W)		
Packaging	Paper bag(20kg), Flecon bag(500kg)		

1) LG Chem Test Method

2) T.S.V.: Toluene Solution Viscosity 5%