

M0511

Solution SBR

Description

Multi chain-end modified with functional group which give good compatibility with silica

Application

Tire tread

Physical properties	Unit	Specification	Test method
Appearance	-	Pale Yellow ~Dark Brown	TS-AE-E15-5109
Volatile material	wt%	Max. 1.2	ASTM D5668
Bound Styrene	%	3.5~6.5	FT-IR
Vinyl Content (on polymer)	%	9.0~13.0	FT-IR
Oil Content (TDAE)	%	2.8~4.8	ASTM D5774
Polymer Viscosity (ML(1+4)@100°C), Unmassed After Production	MU	80~100	ASTM D1646

Other

Package	35kg bale, 35kg X 30bales = 1.05MT box
Shelf life/condition	It should be stored in warehouse to be protected from sunlight, heat and moisture. Shelf life : 18 month from date of production at room temperatures not exceeding 30°C under above storage condition (Retest critical parameters like MV and others after the expiry of shelf life)

ISO Certification

LG Chem follows internationally recognized quality management principles. Our valid ISO certificates can be shared with contacting LG Chem (www.lgchem.com).

- ISO 9001 : “Quality Management System”
- ISO 14001 : “Environmental Management System”

Handling of LG Chem SSBR

Specification Sheet

Raw material specification sheets are available from LG Chem or your local supplier on request.

Handling Precautions

- LG Chem SSBR M0511 has to be kept away from sources of ignition.
- Product should be handled in well-ventilated areas and avoid formation and accumulation of dust.
- Do not breathe dust from product and use personal protective equipment.
- Reference must be made to the Safety Data Sheet for this product.
- The precautions advised in the Safety Data Sheet should be strictly observed.

Product Stewardship

LG Chem and subsidiaries ("LG Chem") have a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our Product Stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our Product Stewardship program rests with each and every individual involved with LG Chem products from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

LG Chem strongly encourages its customers to review both their manufacturing processes and their applications of LG Chem products from the standpoint of human health and environmental quality to ensure that LG Chem products are not used in ways for which they are not intended or tested. LG Chem personnel are available to answer your questions and to provide reasonable technical support. LG Chem product literature, including safety data sheets, should be consulted prior to use of LG Chem products. Current safety data sheets are available from LG Chem.