

# 6850

## Acrylonitrile-Butadiene Rubber (NBR)

### Description

- Excellent physical properties and low mold fouling
- Non-staining, medium Mooney Viscosity
- Designed to aid in extruding, injection, and calendering

### Application

- Packings, O-ring, Seal, Gaskets
- Anti-vibration system
- Oil field products

Physical properties	Unit	Specification	Test method
Appearance	-	Light Tan	TS-AE-E15-5109
Volatile Matter	wt%	Max. 0.5	ASTM D5668
Ash	wt%	Max. 1.0	ASTM D5667
Bound Acrylonitrile	%	33.0~35.0	LSD-R0-OP-6058
Polymer Viscosity (ML(1+4)@100°C), Massed	MU	45~55	ASTM D1646

### Other

Package	35kg bale 35kg X 36 bales = 1.26MT box 1.26MT X 15 boxes = 18.9MT FCL
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.

- ISO 9001 : “Quality Management Systems”
- ISO 14001 : “Environmental Management Systems”
- ISO 27001 : “Information Security Management Systems”
- ISO 45001 : “Occupational Health and Safety Management Systems”

# Handling of LG Chem NBR

## Specification Sheet

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

## Handling Precautions

- LG Chem NBR 6850 must 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 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.