

# RELIABILITY+ PERFORMANCE

ELASTOMERS



# VISION

To be the preferred world leader in chemicals.

# MISSION

To responsibly provide quality products and services through innovation, learning and operational excellence while sustaining maximum value for our stakeholders.

SABIC's businesses are grouped into Petrochemicals, Specialties, Agri-Nutrients, and Metals. SABIC's global operations span across 50 countries with over 64 world-class plants and has significant research resources with five key geographies with innovation hubs: the Middle East, the USA, Europe, South East Asia and North East Asia. The company operates across the world with over 34,000 employees globally.

SABIC ranks among the world's leading petrochemical companies and is among the world's market leaders in the production of polyethylene, polypropylene and other advanced thermoplastics, glycols, methanol and fertilizers.

# POLYBUTADIENE RUBBER (BR)

Polybutadiene Rubber (BR) is a homo-polymer of 1,3-butadiene.

SABIC® BR is a high cis polybutadiene rubber produced using stereo specific Nickel catalyst system and captive feedstock of butadiene.

SABIC® BR is used in major applications in tires and the automotive industry. The product exhibits:

- Excellent abrasion resistance
- High resilience
- Low rolling resistance in tires
- Good resistance to dynamic stress

# ETHYLENE PROPYLENE DIENE RUBBER (EPDM)

Ethylene Propylene Diene Rubber (EPDM) is a terpolymer of ethylene, propylene and a non-conjugated diene.

SABIC® EPDM is used in major applications in automotive, industrial, and building and construction. The product exhibits:

- Outstanding resistance to ozone and weather
- Good resistance to heat, oxidation and ageing
- Low temperature flexibility
- Outstanding compression set

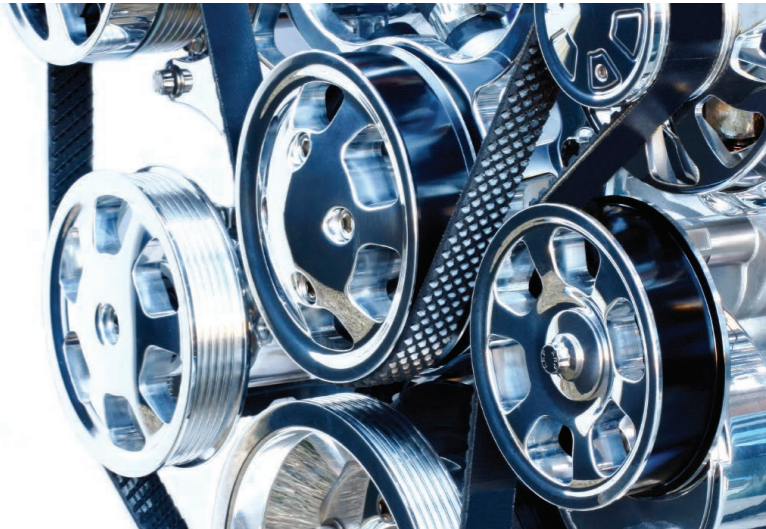
# APPLICATIONS



# TRANSPORTATION



Window sealing  
EPDM



Belts  
EPDM



Tires  
BR



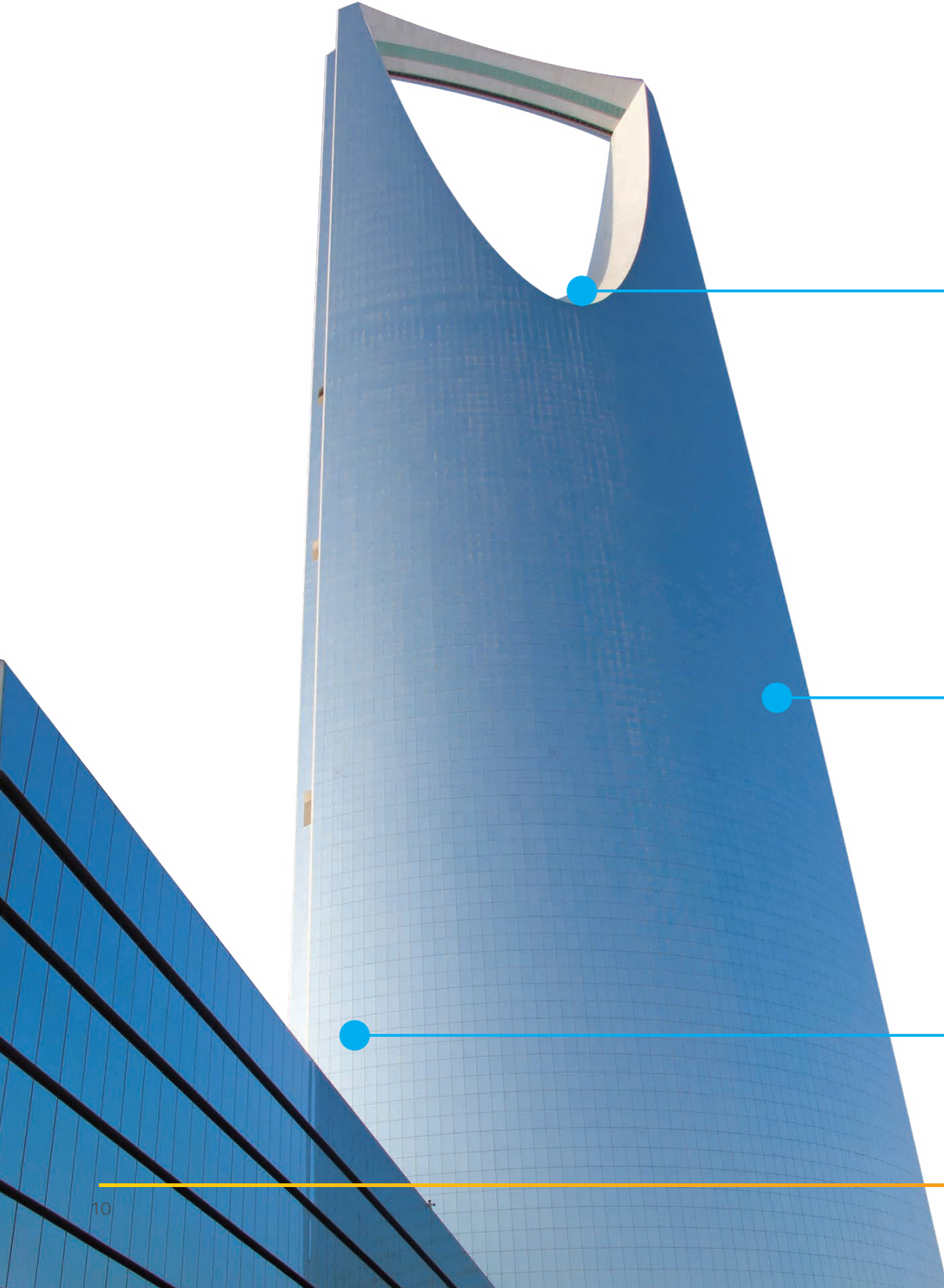
Hoses  
EPDM



Brake parts  
EPDM



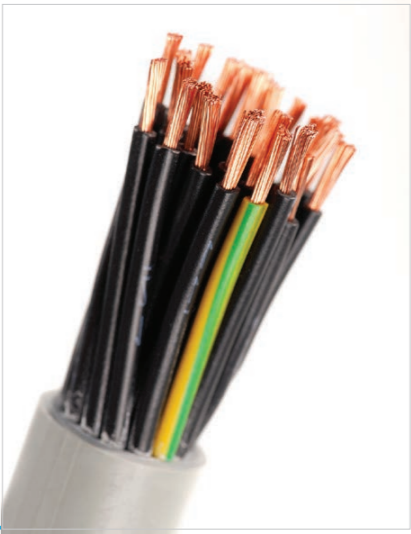
# CONSTRUCTION



Roof Sheeting  
EPDM



Window Profiles  
EPDM



Wire & cable coating  
EPDM



# HOME & LEISURE



Shoe soles  
BR



Washing machine gasket  
EPDM



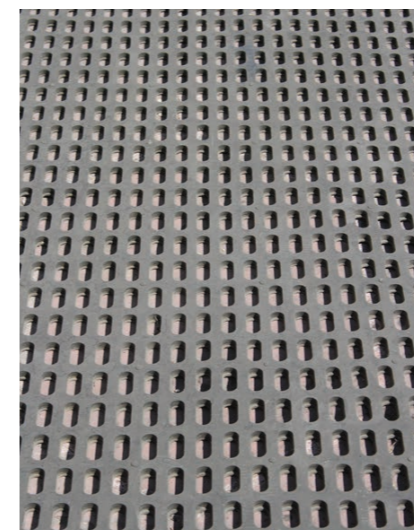
Sports surface  
EPDM  
BR



# INDUSTRIAL



Molded goods  
EPDM  
BR



Floor mats  
EPDM  
BR



Conveyor belts  
BR  
EPDM



Extruded profiles,  
hoses  
EPDM  
BR



## SABIC PLASTIC APPLICATIONS DEVELOPMENT CENTER (SPADC)

As part of SABIC's global Technology and Innovation network for customer support and product innovation, SABIC has set up the SABIC Plastics Application Development Center at Techno Valley, King Saud University campus, Riyadh. It is the largest of its kind in the Middle East, fully capable of developing Synthetic Rubber products and supporting customers by providing product and processing solutions.

In addition, SPADC will act as a technical support hub and training center for SABIC's customers around the world and collaborate with local and international customers in developing new polymer applications. It will also support the continued expansion of SABIC's new product portfolio.

### WHAT MATTERS ...

At SABIC, the story is not only about our products. The story is about the people who use these products, the people who make these products, and the impact we make on our customers, our stakeholders, and indeed our very society. Our focus is not limited to gaining market share; we believe in growing the market. We do not recruit the top talent; we develop it. We do not look for downstream infrastructures; we create them. We leverage our competitive advantages and distinct competencies to make positive contributions in the largest capacity possible. We believe in win-win situations that make us successful. We do not sell products; we offer solutions.

We call this... Chemistry that Matters™



## PRODUCT GRADES

SABIC Grades	Cis 1,4 Content (%)	Mooney Viscosity <sup>1</sup>	Key Applications
SABIC® BR 5510	96 min.	55	Tire (treads, sidewalls, Bead)
SABIC® BR 4610	96 min.	46	Industrial products, Footwear and others
SABIC® BR 4010	96 min.	40	

SABIC Grades	Mooney Viscosity <sup>2</sup>	Diene Content (%)	Ethylene Content (%)	Key Applications
SABIC® EPDM 657	60	5.0	73	General purpose hose, seals, industrial hose
SABIC® EPDM 756	72	5.0	69	Weather seal, auto coolant/air hose, Industrial hoses, wire & cable
SABIC® EPDM 626	67	2.8	69	Roof sheeting, flexible pond liners and geomembranes
SABIC® EPDM 855	80	5.2	55	Industrial gaskets/O rings for pipe/hose, washing machine gaskets.
SABIC® EPDM 245	26	4.2	50	Brake, auto coolant/air hoses, industrial gaskets/O rings

### References:

1. Mooney Viscosity (ML 1+4 @100°C)
2. Mooney Viscosity (ML 1+4 @125°C)



---

## CONTACT US

### Global Headquarters

PO Box 5101, Riyadh 11422  
Saudi Arabia  
T +966 (011) 225 8000  
F +966 (011) 225 9000  
E [info@sabic.com](mailto:info@sabic.com)

### Europe

PO Box 5151  
6130 PD Sittard,  
The Netherlands  
T +31 467 222 222  
F +31 467 220 000  
E [info@sabic-europe.com](mailto:info@sabic-europe.com)

### Americas

2500 City West Boulevard  
Houston, TX 77042 USA  
T +1 713-430-2301

### Asia

One Temasek Avenue  
# 06-01 Millenia Tower  
Singapore 039192  
T +65 655 725 55  
F +65 653 181 01  
E [sappl@sabic.com](mailto:sappl@sabic.com)

### China

2550, Xiupu Road  
Pudong Shanghai 201319, China  
T +86 21 2037 8188  
F +86 21 2037 8288  
E [stcl-sha@sabic.com.cn](mailto:stcl-sha@sabic.com.cn)

### India

10th Floor, Ambience Corporate Towers II  
Ambience Island,  
Gurgaon 122001  
Delhi, India  
T +91 124 4746191  
M +91 9599116053

### Japan

Tokyo Club Building, 7F  
Kasumigaseki 3-2-6, Chiyoda-ku  
Tokyo 100-0013, Japan  
T +81 3 3593 4700  
F +81 3 3593 4707  
E [sjl@sabic.co.jp](mailto:sjl@sabic.co.jp)

### Korea

20th floor, Donghoon Tower  
702-19, Yeoksam-dong  
Kangnam-ku  
Seoul 135-513, South Korea  
T +82 2 510 6000  
F +82 2 510 6666  
E [skl@sabic.co.kr](mailto:skl@sabic.co.kr)

### Indonesia

Indonesia Stock Exchange Building  
Suite 1702, Tower 1, Level 17  
Jalan Jend  
Sudirman Kav. NO. 52-53  
Jakarta 12190, Indonesia  
T +62 215 140 0055  
F +62 215 140 0077  
E [sappl-iro@sabic.co.id](mailto:sappl-iro@sabic.co.id)

### Malaysia

Suite 3B-11-3, Level 11  
Block 3B, Plaza Sentral  
Jalan Stesen Sentral 5  
KL Sental, 50470  
Kuala Lumpur, Malaysia  
T +60 322 746 198  
F +60 322 733 487  
E [sappl@sabic.com](mailto:sappl@sabic.com)

### Philippines

T +63 917 529 8791  
E [sappl@sabic.com](mailto:sappl@sabic.com)

### Thailand

36th Floor CRC Tower, All Season Place  
87/2 Wireless Road, Lumpini  
Rathumwan, Bangkok 10330, Thailand  
T +66 62 414 6955  
E [sappl@sabic.com](mailto:sappl@sabic.com)

### Vietnam

Unit 3, Level 40  
Bitexco Financial Tower,  
02 Hai Trieu Street  
Ben Nghe Ward, District 1  
Ho Chi Minh City, Vietnam  
T +84 839 141 010  
F +84 839 142 088  
E [sappl-vro@sabic.com.vn](mailto:sappl-vro@sabic.com.vn)

### Australia and New Zealand

T +61 417 852 914  
E [sappl@sabic.com](mailto:sappl@sabic.com)