



Rubber compounds



www.gumotex.com

GUMOTEX
RUBBER & COATINGS

Natural rubber (NR)

| Mixture | Hardness (°Sh A) | Color | | Use |
|---------|------------------|-------|---|-------------------------------|
| 8704 | 55 | black | ● | technical rubber, general use |
| 8302 | 65 | black | ● | technical rubber, general use |

Natural rubber/Styrene-butadiene rubber (NR/SBR)

| Mixture | Hardness (°Sh A) | Color | | Use |
|---------|------------------|------------|---|-------------------------------|
| 8199 | 40 | brown | ● | technical rubber, general use |
| 8087 | 40 | anthracite | ● | technical rubber, general use |
| 8190 | 45 | beige | ● | technical rubber, general use |
| 8198 | 50 | black | ● | technical rubber, general use |
| 8312 | 55 | black | ● | technical rubber, general use |
| 8310 | 60 | black | ● | technical rubber, general use |
| 8418 | 60 | violet | ● | technical rubber, general use |
| 8306 | 65 | light | ● | technical rubber, general use |
| 8320 | 70 | grey | ● | technical rubber, general use |
| 8295 | 70 | black | ● | technical rubber, general use |
| 8308 | 75 | black | ● | technical rubber, general use |
| 8995 | 80 | black | ● | technical rubber, general use |
| 8301 | 85 | black | ● | technical rubber, general use |

Styrene-butadiene rubber (SBR)

| Mixture | Hardness (°Sh A) | Color | | Use |
|---------|------------------|------------|---|-------------------------------|
| 8116 | 40 | black | ● | technical rubber, general use |
| 8208 | 60 | black | ● | technical rubber, general use |
| 8408 | 60 | black | ● | technical rubber, general use |
| 8072 | 60 | anthracite | ● | technical rubber, general use |
| 8162 | 60 | anthracite | ● | technical rubber, general use |
| 8275 | 65 | black | ● | technical rubber, general use |
| 8482 | 65 | black | ● | technical rubber, general use |
| 8234 | 65 | grey | ● | technical rubber, general use |
| 8134 | 70 | light grey | ● | technical rubber, general use |
| 8554 | 75 | black | ● | technical rubber, general use |
| 8132 | 80 | light grey | ● | technical rubber, general use |
| 8303 | 85 | black | ● | technical rubber, general use |
| 8796 | 90 | black | ● | technical rubber, general use |

Ethylene-propylene rubber (EPDM)

| Mixture | Hardness (°Sh A) | Color | Use |
|---------|------------------|---------|---|
| 8557 | 60 | black ● | products resistant to ozone, water and weather conditions |
| 8293 | 70 | black ● | products resistant to ozone, water and weather conditions |

Ethylene-propylene rubber/Styrene-butadiene rubber (EPDM/SBR)

| Mixture | Hardness (°Sh A) | Color | Use |
|---------|------------------|---------|---|
| 8856 | 60 | black ● | products resistant to ozone, water and weather conditions |

Chloroprene rubber (CR)

| Mixture | Hardness (°Sh A) | Color | Use |
|---------|------------------|---------|--|
| 8666 | 80 | black ● | technical rubber resistant to ageing, acids and alkali |

Acrylonitrile-butadiene rubber (NBR)

| Mixture | Hardness (°Sh A) | Color | Use |
|---------|------------------|---------|--|
| 8318 | 60 | light ● | products resistant to oils, products for automotive industry |
| 8553 | 65 | black ● | products resistant to oils, products for automotive industry |
| 8305 | 70 | black ● | products resistant to oils, products for automotive industry |

Acrylonitrile-butadiene rubber/Polyvinyl chloride (NBR/PVC)

| Mixture | Hardness (°Sh A) | Color | Use |
|---------|------------------|---------|--|
| 8266 | 45 | black ● | coated fabrics, surface-worked materials |
| 8959 | 55 | blue ● | coated fabrics, surface-worked materials |

Chlorosulphonated polyethylene (CSM)

| Mixture | Hardness (°Sh A) | Color | Use |
|---------|------------------|---------|--|
| 8031 | 40 | white ○ | products resistant to water and strong acids |

Reclaimed rubber

| Mixture | Hardness (°Sh A) | Color | Use |
|---------|------------------|---------|-------------------------------|
| 2660 | 60 | black ● | technical rubber, general use |
| 8311 | 65 | black ● | technical rubber, general use |
| 2670 | 70 | black ● | technical rubber, general use |
| 2680 | 80 | black ● | technical rubber, general use |
| 8908 | 80 | black ● | technical rubber, rail clamps |



RUBBER COMPOUNDS

Gumotex, a.s. has developed and manufactured **rubber compounds since its foundation in 1950** both for its own needs and for business partners to further processing. The high quality of our rubber compounds is warranted by meeting the set technology procedures and regulations. This is verified by the certification according to ISO 9001.

Our product range **involves more than 150 sorts of rubber compounds of various compositions and colours**. We have our own laboratories available equipped with the most modern instruments for measurement of physical-mechanical properties. The values are declared by the material data sheets. Specific measurements required by customers are ordered in external accredited laboratories. If you cannot find any appropriate compound within our standard product range, we can prepare a compound tailor-made for you.

WE USE ELASTOMERS

For the manufacture of rubber compound we use these basic elastomers: natural rubber, butadiene-styrene-rubber (SBR), butyl-rubber (IIR), ethylene-propylene-rubber (EPM,EPDM), butadiene-acrylonitrile-rubber (NBR), chloroprene-rubber (CR) and chlorosulphonated polyethylene (CSM). We can offer even rubber compounds made from recycled rubber.

MANUFACTURE AND PROCESSING

Our rubber compounds are blended on a kneading machine or on a two-rolls-calender and can be processed further by sheeting, extruding or pressing. We can coat substrate materials with rubber compounds (e.g. textiles, plastic films, paper and similar) by means of the painting, coating or impregnation technology.

POSSIBLE APPLICATIONS

- ♪ For general purpose – floor mats for cars.
- ♪ For mechanical stress – shoe manufacture, sealing, hoses.
- ♪ For dynamic stress – shoe manufacture, sealing, hoses.
- ♪ For thermal stress – sealing, hoses.
- ♪ Soak-resistant (oil-resistant) – machinery industry.
- ♪ Chemicals resistant – chemical industry.

DELIVERY FORM

- ♪ Sheets (plates): thickness 2,2 mm to 12 mm, width 350 mm to 750 mm, length max. 1350 mm.
- ♪ WIG-WAG: thickness 6 mm to 12 mm, width 50 mm to 750 mm.
- ♪ Oval profile: length 400 mm to 1000 mm.
- ♪ Ellipse profile: length 400 mm to 1000 mm.
- ♪ Flat profile with noses: length 400 mm to 14000 mm.
- ♪ The delivery form and logistics shall be adapted to the customer request.

GUMOTEX, akciová společnost

Mládežnická 3062/3a, 690 75 Břeclav, Czech Republic

Phone: (+420) 519 314 111, Fax: (+420) 519 322 909

E-mail: RubberAndCoatings@gumotex.cz

www.gumotex.com