

## Urepan® 640 G

Specialty rubbers and functional  
additives

### Application

Polyurethane rubber for peroxide crosslinking with resistance to hydrolysis for use in the manufacture of rubber goods with good tear resistance, excellent resistance to swelling and outstanding resistance to ozone.

### Product description

Composition:	Polyaddition product made from diphenyl - methane diisocyanate and polyester; small quantities of a polymeric carbodiimide
Appearance:	light brown-beige granules, can show agglomerates
Density, 20 °C:	approx. 1.2 g/cm <sup>3</sup>
Mooney viscosity (ML 5+4, 100 °C)	40-60
Physiological properties:	see safety data sheet

### Processing

Urepan 640 G is processed using standard rubber industry methods.

Rubber articles can be manufactured through suitable molding or extrusion operations. Extrudates made from Urepan 640 G should be vulcanized in the absence of steam or atmospheric oxygen (e.g. by continuous salt bath vulcanization).

### Packing

25 kg carton with EVA/PE bag inside which can be incorporated into the compound on 500 kg skid

### Storage stability

Under cool and dry conditions in original sealed containers 730 days from date of production.

### Handling

For additional handling information on Urepan 640 G please consult current safety data sheet.

### Comment

The following additives are recommended for use with Urepan 640 G:

Cross-linking co-agents: Rhenofit TAC/S

Processing promoters: Aflux 25, Aflux 54

Antihydrolysis agents: Stabaxol P

---

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.

---



**LANXESS Deutschland GmbH**  
**Business Unit Rhein Chemie**  
Kennedyplatz 1  
D-50569 Cologne, Germany  
<http://rch.lanxess.com>