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/cm³
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 promotors: Aflux 25, Aflux 54
Antihydrolysis agents: Stabaxol P
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LANXESS Deutschland GmbH
Business Unit Rhein Chemie
Kennedyplatz 1
D-50569 Cologne, Germany
http://rch.lanxess.com