Urepan®
643 G

Application
Peroxide cross-linked polyurethane rubber used for the manufacturing of rubber goods with good resistance to tear, hydrolysis, swelling, and ozone, combined with excellent mechanical strength.

Product description
Composition: Polyaddition product made from diphenyl-methane diisocyanate and polyester; small quantities of a polymeric carbodiimide.

Appearance: light-brown granules, may show agglomerates

Density, 20°C: approx. 1.2 g/cm³

Mooney viscosity ML 5+4, 100°C: 30-50

Physiological properties: see safety data sheet

Processing
Urepan 643 G is processed using standard rubber industry methods. Molded articles can be manufactured by compression, transfer, and injection molding. Extrudates made from Urepan 643 G should be vulcanized in absence of vapor or atmospheric oxygen (e.g. by continuous salt bath vulcanization).

Packing
25 kg carton with low-melting 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 643 G please consult current safety data sheet.

Comment
The following additives are recommended for use with Urepan 643 G:
Cross-linking co-agents: Rhenofit TAC/S
Processing promoters: Aflux 25, Aflux 54
Antihydrolysis agent: Stabaxol P
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