

Rhenosin® W 95

Plasticizers

Function

Plasticizer to improve the low-temperature flexibility of elastomer vulcanizates

Product description

Composition: Adipic diester

Appearance: slightly yellowish liquid

Typical characteristics: Density, 25 °C (DIN 52004): 1.01-1.02 g/ml

Refractive index: 1.443-1.446

Electrical properties: Volume resistance: $1.8 \cdot 10^8$ Ohm/cm

Dielectric constant: 11.9

Dissipation factor: 0.368

Physiological properties: see safety data sheet

Use

Mode of action: Rhenosin W 95 is a special plasticizer compatible with many elastomers. Its flexibilizing effect at low temperatures and its low vapor pressure at high temperatures make Rhenosin W 95 the plasticizer of choice in rubber articles over a wide range of temperatures. Rhenosin W 95 is easily dispersible and affects the physical properties of rubber compounds only slightly. Rhenosin W-95 is compatible with CR, NBR, NR, SBR, ECO, EPDM, IIR.

Processing: Rhenosin W 95 is incorporated with the fillers.

Dosage: NBR, PUR, ECO: max 30 phr
ACM: max 25 phr
EPM, EPDM, polysulfide rubber: max 15 phr
CR, NR, SBR: max 10 phr
IIR: max 5 phr

Application: Refrigerator seals, hoses, ribbons, raw edge V-belts, gas meter membranes

Packing

200 kg plastic drums on 800 kg skids

Storage stability

In original sealed containers under cool and dry conditions 1095 days from date of production

Handling

For additional handling information on Rhenosin W 95 please consult current safety data sheet.

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