Rhenosin®
W 759

Function
Plasticizer to improve the low-temperature flexibility of elastomer vulcanizates

Product description

Composition: ether/ester compound
Appearance: slightly yellowish liquid
Physiological properties: see safety data sheet

Typical characteristics:

- Viscosity: 20-35 mPa*S
- Density: 1.02-1.05 g/cm³
- Refractive index: 1.44-1.46
- Flash point: > 150 °C

Electrical properties:

- Volume resistance: $1.4 \cdot 10^8$ Ohm/cm
- Dielectric constant: 11.8
- Dissipation factor: 0.543

Use

Mode of action: Rhenosin W 759 is a specialty plasticizer compatible with many elastomers. Owing to its flexibilising effect at low temperatures and its low vapor pressure at high temperatures Rhenosin W 759 can be used in rubber articles over a wide range of temperatures. Rhenosin W 759 is easy to disperse and has minimal effects on the physical properties of rubber compounds. Rhenosin W 759 is compatible with CR, NBR, NR, SBR, ECO, EPDM, and IIR. Rhenosin W 759 has a particularly beneficial effect on the heat aging of rubber products.

Processing: Rhenosin W 759 is incorporated with the fillers.

Dosage: Between 5 am 30 phr, depending on the desired polymer value
Application: Technical rubber components, e.g. automotive seals and gaskets, fuel pipes, wire and cable sheathing

Packing
200 kg plastic drums on 800 kg skid

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 759 please consult current safety data sheet.

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