

Rhenosin® W 759

Plasticizers

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/cm ³
Refractive index:	1.44-1.46
Flash point:	> 150 °C

Electrical properties:

Volume resistance:	1.4 · 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.

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