

Rhenosin® W 65 (GE 1665)

Plasticizers

Function

Plasticizer based on renewable resources for standard and specialty polymers, e.g. AEM, ACM, ECO, HNBR, NBR, PVC, CR, CPE, EVM, PUR, EPDM, NR, SBR

Product description

Composition:	combination of fatty acid esters on vegetable base
Appearance:	yellowish to brown viscous liquid
Density, 20 °C:	approx. 0.86-0.89 g/cm ³
Viscosity:	80-100 mPas
Discolouration of vulcanizates:	none

Use

Mode of action:	Rhenosin W 65 (GE 1665) is a specialty plasticizer compatible with many elastomers. It reduces the viscosity of the mix and enhances also the glass transition temperature (T _g). In this way it is significantly contributing to improve the low temperature flexibility of rubber articles. Owing to its flexibilizing effect at low temperatures and low vapor pressure at high ambient temperatures Rhenosin W 65 (GE 1665) can be used in rubber articles covering a wide range of service temperatures. Rhenosin W 65 (GE1665) is easy to disperse and has minimal effects on the physical properties of rubber compounds.
Processing:	Like other plasticizers, Rhenosin W 65 (GE 1665) can be incorporated in the internal mixer or on the mill. With regard to the handling of the liquid plasticizer, the incorporation in the internal mixer is offering advantages.
Application:	Technical rubber goods based on synthetic or natural rubber, e.g. hoses, seals, anti-vibration components and similar technical rubber goods, roll covers and conveyor belts
Dosage:	AEM, ACM, ECO, HNBR, NBR, PVC, CR, CPE, AU, EU: 5-30 phr EPDM, NR, SBR: 5-15 phr

Packing

170 kg steel drums on 680 skid

Storage stability

In original closed containers under cool and dry conditions 365 days from date of production

Handling

For additional handling information on Rhenosin W 65 (GE 1665) 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.



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