

## Rhenogran® XLA-60

Predispersed rubber chemicals and additives

### Function

Accelerator and cross-linking activator for AEM and ACM and diene rubbers, e.g. EPDM

### Product description

Composition:	60 % synergistic combination of activated amine with retarder, 40 % acrylic copolymer and dispersing agents
Appearance:	red to brown granules
Density at 20 °C:	1.21 g/cm <sup>3</sup>
Physiological properties:	see safety data sheet

### Use

Mode of action:	Rhenogran XLA-60 is a synergistic accelerator combination of activated amine with retarder to replace DOTG in AEM and ACM compounds. Rhenogran XLA-60 is applied for curing AEM and ACM compounds based on specialty chemicals, e.g. cumylated diphenylamine and Rhenogran HMDC-70/AEMD. With Rhenogran XLA-60 a fast vulcanization is obtained. The vulcanizates show good heat aging behavior, low swelling in engine oil and good compression set values. Rhenogran XLA-60 may also be used as ultra accelerator for the sulfur vulcanization of diene rubber (especially EPDM).
Processing:	The polymer binder system is fully compatible with AEM and ACM rubber. Owing to its complex chemical structure, good processing of the compound is provided with Rhenogran XLA-60 during mixing. In EPDM and other diene rubbers Rhenogran XLA-60 is added in the second mixing stage together with the accelerator system.
Dosage:	ACM: 0.5-2 phr AEM: 3-4 phr Diene rubber (e.g. EPDM): 0.5-2 phr
Application:	Technical rubber goods, e.g. hoses, seals, o-rings, cables

### Packaging

20 kg carton with aluminium-coated bag inside on 480 kg skid

### Storage stability

In original closed containers under cool and dry conditions 730 days from date of production. Open bags have to be protected against oxygen and light, otherwise discoloration might occur. It is recommendable not to use low melting bags (PE/EVA). In direct contact the material may diffuse into the film by contact diffusion. After

extended periods of storage in these type of bags, migration of the active substance to the outer surface might occur.

## Handling

Exhaust ventilation is generally recommended in the working area with regard to chemical additives used in rubber processing. For additional handling information see the safety data sheet for Rhenogran XLA-60.

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