KETTLITZ-Actigran 50
KETTLITZ-Actigran 70

- technical leaflet -

Actigran 50 and 70 are 50 % resp. 70 % preparations of trimethylolpropantrimethacrylate (TRIM) bound to inert carries in granular form. The use of Actigran 50 or 70 normally increases the cross-linking density of cured rubber compounds.

To improve handling, i. e. exact weighing and better incorporation, Kettlitz-Chemie converted these coagents into granular form.

As dosage of peroxide to co-activator we recommend approx. 2:1, on a basis of 100 % active substance (e. g. for Perkadox 14/40 - Actigran 50 the ratio should be 2.5:1 resp. 3.5:1 for Actigran 70).

All Kettlitz coactivators are pre-packed in airtight sealed PE bags containing 1 kg net as a standard. This net weight can be varied between 0.5 and 2.5 kg depending on individual customers' requirements. The bags are then packed into cardboard boxes containing 15 kg net and delivered on pallets.

Properties

		Actigran 50	Actigran 70
Chemical Characteristics		50 % trimethylolpropantri-methacrylate (TRIM) coated by synthetic hydrocarbons bound to inert carriers	70 % trimethylolpropantri-methacrylate (TRIM) coated by synthetic hydrocarbons bound to inert carriers
Appearance		white soft granules (diameter 6–8 mm); free-flowing	
Active Content	(%)	50 ± 3	70 ± 3
Density at 20 °C	(g/cm³)	approx. 1.22 (mathematically)	approx. 1.20 (mathematically)
Bulk Density	(g/ml)	approx. 0.6	
Ash Content	(%)	28.5 ± 2.0	26.5 ± 2.0
Physiol. Behavior		see safety data sheet	
Storage Stability		1 year under suitable storage conditions (cool and dry)	
Packing		standard: hermetically sealed PE bags of low melting foil (60–85 °C) of 1 kg each in card boxes of 15 kg each	