KETTLITZ-Actigran 50

KETTLITZ-Actigran 70

- technical leaflet -

Actigran 50 and 70 are 50 % resp. 70 % preparations of trimethylolpropane trimethacrylate (TRIM) bound to inert carriers 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 coactivator 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 % trimethylolpropane trimethacrylate (TRIM) coated by synthetic hydrocarbons bound to inert carriers	70 % trimethylolpropane trimethacrylate (TRIM) bound to inert carriers
Appearance		white granules (diameter 6–8 mm)	
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	(%)	30,0 ± 2,0	27,5 ± 2,0
Physiol. Behavior		see safety datasheet	
Storage Stability		2 years under suitable storage conditions	
Packing		hermetically sealed PE bags of low melting foil (60–85 °C) of 1 kg each in cardboard boxes of 15 kg each; pre-weighed sachets between 0.5–2.5 kg net on request available	

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