

Product description

Composition	75% oxy-bis benzene sulphonyl hydrazide 25% EPDM/EVA binder and dispersing agents		
Appearance	white slabs, size to be decided by customers		
Density, 20 °C	Approx. ~ 1.29 g/cm ³ (20°C)		
Physiological properties : See safety data sheet (MSDS)			
Raw material characteristics of OBSH:			
Melting point	~ ? °C	Evaporation loss	≤ 0.5 %
OBSH content	≥ 98%	Sieve residue 15µm	≤ 20 %
Ash content	≤ 0.3 %		

Use Characteristics Organic blowing agent Konson® OBSH-75 starts to decompose at around 150 °C, followed by releasing of N₂. The decomposition temperature can be lowered by adding suitable activators to the rubber compound. Optimal foaming performance is usually achieved by using effective curing systems with the matched vulcanization characteristics. The EPDM/EPM/EVA-dispersed form in which the product is supplied permits rapid and homogeneous distribution throughout the rubber..

Processing Advantages The thermosoftening, excellent compatible EPDM/EVA binder which is combined with active dispersing promoters allows much more easily and quickly incorporation and excellent dispersion in the rubber mixing. In this way, optimal activity of the effective raw material OBSH is assured. OBSH-75 is usually incorporated at the final mixing step with the accelerators and any activators. It may also be combined with other organic or inorganic blowing agents.

Dosage levels Normally 2 - 15 phr based on the requirements of the density of sponge.

Applications Foam and sponge rubber articles of all kinds.

Packing Net 25 kg cartons with plastic inner.

Storage stability Under cool (< 35 °C), dry (< 50 % relative humidity) conditions, sealed original containers have a shelf-life of 1 year..

Handling Consult material safety data sheet (MSDS) for additional handling information.