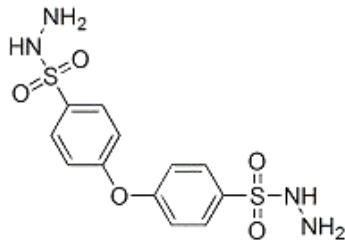


## Foaming Agent OBSH

A  
C  
T  
I  
V  
E  
M  
A  
T  
E  
R  
I  
A  
L



Diphenyloxide-4,4'-disulphohydrazide

$C_{12}H_{14}N_4O_5S_2$

M.W.: 358.39

CAS: 80-51-3

EINECS: 201-286-1

### PROPERTIES:

OBSH is an organic foaming agent for rubbers which is activated at 150°C and release nitrogen. Foaming temperature can be reduced by addition of proper foaming activators. Foam quality can be promoted to an extreme by logical design and matching of foaming and vulcanizing rates.

### DOSAGE:

2-15phr usually.

### APPLICATIONS:

Various foam rubber products.

### TYPICAL VALUES:

Melting point: 150-164°C

Purity: Min 98%

Heating loss content: Max 0.8%

45µm sieve residue: Max 0.5%

M  
A  
S  
T  
E  
R  
B  
A  
T  
C  
H

PRODUCT	Active Content (%)	Appearance	Filtration (µm)	Binder	Gas Evolution (ml/g)	Density (g/cm <sup>3</sup> )
<b>Actmix® OBSH-50GE</b>	50	White to Grey-white Granules	-	EPDM/EVM	63	1.35

\* Binder type can be customized. Except EPDM/EVM, others binders, such as NBR, SBR, AR, ECO also can be available for.

**SAFETY&TOXICITY:**  
Please refer to related SDS.

**PACKAGING&STORAGE:**  
Net weight 25kg/carton lined PE bag; Net weight 600 kg/pallet.  
Shelf-life: 1 year in its original packaging.  
Stored in a cool and dry place.

### Compared to traditional OBSH powders, Actmix®OBSH-50GE allows:

Dust free products with 10-12µm mean size grains of OBSH, production environment improver.

Lower decomposition temperature and effective guarantee of activity of OBSH due to pre-dispersed masterbatch and special formula.

Tack free products at room temperature, convenience and accuracy on ingredients.

Lower Mooney viscosity at lower temperature (50°C), higher quality of dispersion, homogeneous apertures of foam products.

Wider compatibility with other elastomers.

G: granule, P: plate, E: EPDM binder, N: NBR binder, S: SBR binder, A: ACM binder, EO: ECO binder

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.