

# Ketjenflex® 4

Plasticizer Additive

Axcentive SARL

## Message:

KETJENFLEX® 4 is a benzene sulfonamide based plasticizer used in Polyamide (co)polymers.

### Description and Application

KETJENFLEX® 4 is used as a plasticizer in various polyamide plastic formulations. At dosage levels from 8 to 15% KETJENFLEX® 4 readily plasticizes:

Polyamide 6

Polyamide 6,6

Polyamide 11

Polyamide 12

Copolymers of polyamide with either polyether, polyurethane and polyester

With its high boiling point of 314°C KETJENFLEX® 4 can be injected during the hot compounding process of polyamide without generating fumes or deposits in the vacuum hoses.

Articles produced of Polyamide/KETJENFLEX® 4 mixtures show good gas barrier properties and low liquid impregnation. KETJENFLEX® 4 will show a minimum of extrudation during lifetime of the manufactured part. Applications include:

Air Brake tubing

Hydraulic tubing

Vacuum tubing

Lubrication hoses

A/C hoses

Filaments

General Information		
Additives Physical	Nominal Value	Unit
Density	1.15	g/cm <sup>3</sup>
Additive Concentration	> 99	%
State at Room Temperature	Liquid	
Boiling Temperature	314	°C
Chemical Description	Benzene Sulfonamide	

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## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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