

Characteristics

C. I.	Fluorescent Brightener 351
C. I. No.	482200
CAS No.	27344-41-8
Chemical class	Distyrylbiphenyl

Properties

Commercial form	powder
Solubility	25 g/l at 25°C

Efficiency on various types of materials

Detergents industry

Cellulosic fibres	suitable
Polyamide	usable
Wool	usable
Natural silk	usable
Acetate	unsuitable
Triacetate	unsuitable

Basic application characteristic

Shade of white	neutral
Ionogenity	anionaktiv
Afinity	high

Stability

Hard water	stable
pH	5-12
Oxidizing enviroment	stable
Reducing enviroment	stable
Sodium hypochlorite	stable
Sodium chlorite	unstable

Fastness

	cotton	wool
<i>standard depth</i>		
Light Xenotest	4	
Washing 40°C	5	
Washing 60°C	5	

Application possibilities

Application in detergents ●

Dossage in detergents

	%
Rylux DK	0,10 - 0,20
Rylux DSK	0,05 - 0,15
Rylux D-43 slurry	0,10 - 0,20
Rylux DP 130	0,10 - 0,30
Rylux VPA-T	0,05 - 0,10
% related to weight of detergent	

Dosing in the detergents

Powders	0,05-0,25 %
Liquid detergents	0,05-0,40 %
The % are related to the detergent mass	

Testing methods

Fastness standards

Light Xenotest	ISO 105-B02-1994
Washing	ISO 105-C01-1989