

**DyStar** 

Working for your benefit.

**The new face of Astrazon®**  
Unique competence in cationic dyes



# The new face of Astrazon

Meeting the demands of textiles today

The new face of Astrazon stands for top and consistent quality worldwide. It designates the most extensive and modern range of powder and liquid cationic dyes meeting the demands for a wide range of fibres and their blends, whatever the fashion or performance requirement.

**The Astrazon range offers customised solutions for:**

**Acrylic (PAN)**



**Modacrylic (MAC)**



**Cationic dyeable polyester (c.d. PES)**



**Cationic dyeable polyamide (c.d. PA)**



**m-aramid**



# The new face of Astrazon

Helping you stay competitive and innovative

## ✓ **Controlled Coloration**

Reliable dyeing processes for top productivity

- Powder dyes with top solubility
- Liquid dye mixtures with outstanding stability
- Broad range with good combination properties
- Robustness to different pH values
- Very good steam stability
- Optidyne® A computer program for optimised exhaust dyeing processes

## ✓ **Color Confidence**

Meeting the rising demands of retailers and consumers

- Highest fastness to washing and light
- Suitable for fibre blends and new fabrics
- Meets the requirements of major ecology standards
- Constant dye quality

## ✓ **More reasons for choosing DyStar as your partner for cationic dyes**

- Global market leader
- Investment in in-house R&D for new dyes and application processes
- Skilled and experienced staff in all major markets
- High quality, safety and environmental protection standards worldwide
- Unique pilot plant for gel dyeing available



# The new face of Astrazon

## Application fields of Astrazon dyes in overview

	Fibres					PAN blends			
<b>Yellow dyes</b>	PAN Lf*	MAC	c.d. PES	c.d. PA	m-aramid	CO	WO	PA	PES
Astrazon Flavine 10GFF 300%	● 4	●	●			●	●	●	●
Astrazon Yellow 8GSL 200%	● 7-8	●	●	●		●	●	●	●
Astrazon Yellow 8GL 200%	● 6-7			●		●	●	●	●
Astrazon Yellow 7GLL 200%	● 7	●	●	●	●	●	●	●	●
Astrazon Yellow 5GL 200%	● 6				●	●	●	●	●
Astrazon Yellow GRL 200%	● 6-7	●			●	●	●	●	●
Astrazon Golden Yellow GL-E 200%/400%	● 7	●	●		●	●	●	●	●
Astrazon Orange RN 200%	● 5-6	●	●		●	●	●	●	●
<b>Red dyes</b>	PAN Lf*	MAC	c.d. PES	c.d. PA	m-aramid	CO	WO	PA	PES
Astrazon Brilliant Red 4G 200%	● 3-4					●	●	●	●
Astrazon Pink FG 200%	● 4					●		●	●
Astrazon Brilliant Red G liq 200%	● 3-4					●	●	●	●
Astrazon Red Violet 3RN	● 3-4						●	●	●
Astrazon Brilliant Red B 200%	● 3						●	●	●
Astrazon Red 6B	● 3-4								●
Astrazon Red GTLN 200%	● 6-7	●	●	●		●	●	●	●
Astrazon Red BBL 200%	● 7-8	●	●	●	●	●	●	●	●
Astrazon Red GL-N liq	● 7	●	●		●	●	●	●	●
Astrazon Red FBL 200%	● 6-7	●	●			●	●	●	●
Astrazon Red F3BL liq	● 7	●	●		●	●	●	●	●
Astrazon Red 5BL 200%	● 7	●	●			●	●	●	●
<b>Blue dyes</b>	PAN Lf*	MAC	c.d. PES	c.d. PA	m-aramid	CO	WO	PA	PES
Astrazon Blue 3RL 200%	● 7			●		●	●		●
Astrazon Blue F2RL 200%	● 6-7		●			●	●	●	●
Astrazon Blue FBL liq 200%	● 6-7	●	●			●	●	●	●
Astrazon Blue FGRL 200%	● 6-7	●	●			●	●	●	●
Astrazon Blue FGGL 300%	● 6-7	●	●		●	●	●	●	●
Astrazon Blue BRL 200%	● 5-6	●	●			●	●	●	●
Astrazon Blue BG 200%	● 5	●	●		●	●	●	●	●
Astrazon Blue 5GL 200%	● 7	●		●		●	●	●	●
Astrazon Green M	● 3					●	●	●	●
Astrazon Dark Blue 2RN	● 5					●	●	●	●
<b>Black dyes</b>	PAN Lf*	MAC	c.d. PES	c.d. PA	m-aramid	CO	WO	PA	PES
Astrazon Black ON	● 4								
Astrazon Black BN liq	● 5-6								
Astrazon Black SW 200%	● 5					●	●	●	●
Astrazon Black MBL 300%	● 7	●	●		●	●	●	●	●
Astrazon Black DL liq	● 7	●	●			●	●	●	●
Astrazon Black FDL 200%	● 7	●	●			●	●	●	●

\* Light fastness (xenon arc) 1/1 S.D. DIN 54004 ISO 105-B02

● limited suitability ● suitable

# The new face of Astrazon

## Overview of the Astrazon dyes range

Powders	Liquids
<b>Yellow dyes</b>	<b>Yellow dyes</b>
Astrazon Flavine 10GFF 300% 	Astrazon Yellow 8GSL liq 200%
Astrazon Yellow 8GSL 200%	Astrazon Yellow 7GLL liq
Astrazon Yellow 8GL 200%	Astrazon Yellow GRL liq
Astrazon Yellow 7GLL 200%	Astrazon Golden Yellow GL liq 200%
Astrazon Yellow 5GL 200%	
Astrazon Yellow GRL 200%	
Astrazon Golden Yellow GL-E 200% / 400%	
Astrazon Orange RN 200% 	
<b>Red dyes</b>	<b>Red dyes</b>
Astrazon Brilliant Red 4G 200%	Astrazon Brilliant Red 4G liq 200%
Astrazon Pink FG 200%	Astrazon Brilliant Red G liq 200%
Astrazon Red Violet 3RN	Astrazon Red Violet 3RN liq
Astrazon Brilliant Red B 200%	
Astrazon Red 6B	
Astrazon Red GTLN 200%	Astrazon Red GTLN liq
Astrazon Red BBL 200%	
Astrazon Red FBL 200%	Astrazon Red GL-N liq 
Astrazon Red 5BL 200%	Astrazon Red FBL liq 
	Astrazon Red F3BL liq
<b>Blue dyes</b>	<b>Blue dyes</b>
Astrazon Blue 3RL 200%	Astrazon Blue F2RL liq
Astrazon Blue F2RL 200%	Astrazon Blue FBL liq 200%
Astrazon Blue FGRL 200%	Astrazon Blue FGRL liq 200%
Astrazon Blue FGGL 300%	Astrazon Blue FGGL liq 200%
Astrazon Blue BRL 200%	Astrazon Blue BG liq
Astrazon Blue BG 200%	Astrazon Blue 5GL liq
Astrazon Blue 5GL 200%	Astrazon Green MS liq 50%
Astrazon Green M	Astrazon Dark Blue 2RN liq 75%
Astrazon Dark Blue 2RN	
<b>Black dyes</b>	<b>Black dyes</b>
Astrazon Black ON	Astrazon Black BN liq
Astrazon Black SW 200%	Astrazon Black SW liq
Astrazon Black MBL 300% 	Astrazon Black MBL liq
Astrazon Black FDL 200%	Astrazon Black DL liq
	Astrazon Black FDL liq

# A full range of products, global service and ongoing innovation create tangible benefits for our customers. Worldwide.

## ● Austria/Eastern Europe

DyStar Bencolor Farben GmbH  
Akaziengasse 30  
Postfach 42  
1234 Vienna  
Tel.: ++43-1-699 87 17  
Fax: ++43-1-699 45 30  
DyStar.Austria@DyStar.com

## ● Belgium

DyStar Benelux N.V.  
Ter Hecken 6  
9700 Oudenaarde  
Tel.: ++32-55-33-58 52  
Fax: ++32-55-33-58 55  
DyStar.Benelux@DyStar.com

## ● Brazil

DyStar Ltda.  
Rua Alexandre Dumas, 1711-2º andar  
04717-004 – Chác. Sto. Antônio  
São Paulo / SP  
Tel.: ++55-11-51 85 41 73  
Fax: ++55-11-51 85 42 24  
DyStar.Brazil@DyStar.com

## ● China/Hong Kong

DyStar China Ltd.  
18/F, Yen Sheng Centre  
64 Hoi Yuen Road  
Kwun Tong, Hong Kong  
Tel.: ++85-2-29 55 33 88  
Fax: ++85-2-29 55 11 88  
DyStar.China@DyStar.com

## ● China/Shanghai

DyStar (Shanghai) Trading Co., Ltd.  
5/F, Section 501A, Building No. 9  
99 Tian Zhou Road  
Shanghai Caohejing Hi-Tech Park  
Shanghai 200233  
Tel.: ++86-21-54 45 00 22  
Fax: ++86-21-54 45 03 08  
DyStar.China@DyStar.com

## ● France

DyStar France s.a.r.l.  
30, avenue Edouard Belin  
92566 Rueil Malmaison Cedex  
Tel.: ++33-1-41 39 12 20  
Fax: ++33-1-41 39 12 49  
DyStar.France@DyStar.com

## ● Germany

DyStar Vertrieb D-A-CH/Nordica  
65926 Frankfurt am Main  
Tel.: ++49-69-21 09-22 36  
Fax: ++49-69-21 09-26 06  
DyStar.Germany@DyStar.com

## ● India

DyStar India Private Limited  
Mumbai - Agra Road  
Balkum, Thane 400 608  
Tel.: ++91-22-25 41 09 99  
Fax: ++91-22-25 41 18 34  
DyStar.India@DyStar.com

## ● Indonesia

PT DyStar Colours Indonesia  
Menara Global Building  
22nd Floor  
Jln. Gatot Subroto Kav. 27  
Jakarta 12930  
Tel.: ++62-21-527 05 50  
Fax: ++62-21-527 05 20  
DyStar.Indonesia@DyStar.com



## ● Italy

DyStar Italia S.r.l.  
Via delle Groane 126  
20024 Garbagnate Milanese (MI)  
Tel.: ++39-02-99 44 01  
Fax: ++39-02-99 02 83 91  
DyStar.Italy@DyStar.com

## ● Japan

DyStar Japan Ltd.  
7-20, Azuchimachi 1-chome,  
Chuo-ku, Osaka 541-0052  
Tel.: ++81-6-62 63 66 72  
Fax: ++81-6-62 63 66 91  
DyStar.Japan@DyStar.com

## ● Korea

DyStar Korea Ltd.  
141-28, 10th fl.  
Dong Shin Building  
Samsung-dong, Kangnam-gu.  
P.O. Box Kangnam 537  
135-090 Seoul  
Tel.: ++82-2-34 52 78 78  
Fax: ++82-2-34 52 78 76  
DyStar.Korea@DyStar.com

## ● Mexico

DyStar de México S.A. de C.V.  
Arenal 24 – Edificio Sur – 3er Piso  
Col. Ex-Hda. Gpe. Chimalistac  
01050-México, D.F.  
Tel.: ++52-55-5322-51 00  
Fax: ++52-55-5662-56 18  
DyStar.Mexico@DyStar.com

## ● Pakistan

DyStar Pakistan (Private) Limited  
Bahria Complex-II, 2F  
M. T. Khan Road  
Karachi-74000  
Tel.: ++92-21-561-18 19  
Fax: ++92-21-561-16 24  
DyStar.Pakistan@DyStar.com

## ● Portugal

DyStar Anilinas Têxteis  
Unipessoal, Lda.  
Rua Manuel Pinto de Azevedo, 626  
4100-320 Porto  
Tel.: ++351-22-6 15 31 80  
Fax: ++351-22-6 15 31 90  
DyStar.Portugal@DyStar.com

## ● Singapore

DyStar Singapore Pte. Ltd.  
152 Beach Road  
#37-00 The Gateway East  
Singapore 189721  
Tel.: ++65-62 98 79 22  
Fax: ++65-62 95 53 08  
DyStar.Singapore@DyStar.com

## ● South Africa

DyStar South Africa (Pty) Ltd.  
16 Henwood Road, P.O. Box 1421  
Pinetown 3610  
Tel.: ++27-31-710 65 10  
Fax: ++27-31-709 37 22  
DyStar.SouthAfrica@DyStar.com

## ● Spain

DyStar Hispania, S.A.  
c/ Pamadas, 37-57  
08907 Hospitalet de Llobregat  
Tel.: ++34-93-2 64 04 40  
Fax: ++34-93-2 64 04 58  
DyStar.Spain@DyStar.com

## ● Taiwan

DyStar Taiwan Ltd.  
5th Fl., No. 196, Sec. 2  
Chien Kuo N. Road  
104 Taipei, Taiwan, R.O.C.  
Tel.: ++886-2-25 16 37 77  
Fax: ++886-2-25 16 81 99  
DyStar.Taiwan@DyStar.com

## ● Thailand

DyStar Thai Ltd.  
193 Lake Rajada Building  
17th floor  
Ratchadapisek Road  
Klongtoey, Bangkok 10110  
Tel.: ++66-2-2 64 04 70  
Fax: ++66-2-2 64 04 74  
DyStar.Thai@DyStar.com

## ● Turkey

DyStar Tekstil Boya ve Teknolojisi  
Sanayi Ticaret Limited Şirketi  
Istanbul-Trakya Serbest Bölgesi  
Atatürk Bulvarı, Begonya Sk. No. 1,  
K3  
34540 Çatalca – Istanbul  
Tel.: ++90-212-866 50 00  
Fax: ++90-212-866 50 90 /91 /92  
DyStar.Turkey@DyStar.com

## ● United Kingdom

DyStar UK Ltd.  
Pennine Business Park/Unit 2  
Bradley Road, Huddersfield  
West Yorkshire HD2 1RA  
Tel.: ++44-14-84 41 14 00  
Fax: ++44-14-84 41 14 01  
DyStar.UK@DyStar.com

## ● USA

DyStar L.P.  
9844-A Southern Pine Boulevard  
Charlotte, NC 28273  
Tel.: ++1-704-561 30 00  
Fax: ++1-704-561 30 05  
DyStar.USA@DyStar.com

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.