

Heliogen® Azul K 6902


tipo químico

Cu-ftalocianina

CI Nombre Genérico

Pigmento Azul 15: 1

CI Constitución n

74160

Descripción

Transparente tono rojo azul α -Cu-ftalocianina con alta intensidad de color. dispersabilidad lo suficientemente bueno para la mayoría proceso de extrusión. Muy buena resistencia al calor en muchos polímeros que incluyen estirénicos y polímeros de ingeniería. Adecuado para aplicaciones interiores y exteriores.

Preparativos

Dependiendo de la idoneidad del pigmento, las preparaciones de mono-pigmento para PVC, poliolefina, elastómeros y otros polímeros pueden estar disponibles. Por favor, póngase en contacto con su representante de ventas local de BASF.

propiedades
propiedades coloristas


Sombra total
sobre blanco
0,10% en PVC



Sombra total
sobre blanco
0,50% en PVC



reducción de blanco
1/3 ISD en PVC

L *	48,7 L *	31,0 L *	57.9
a *	-24,9 a *	-0,5 a *	-16.3
b *	-41.7 b *	-24.1 b *	-38.7
C *	48.5 C *	24.1 C *	42.0
h	239,2	h 268,7	h 247,1

1/3 ISD en el 1,0% TiO₂ en HDPE: 0,11% 1/3 ISD en el
1,0% TiO₂ en PVC: 0,09%

Propiedades físicas

la forma del producto	Polvo
Densidad	1,74 g / cm ³
Densidad a Granel	0,15 kg / l
Volumen aparente	6,7 l / kg
Superficie específica	50,8 m ² / sol

adecuación de polímero

COLORURO DE POLIVINILO	•	
LL / LDPE	•	HDPE •
PÁGINAS	•	fibras de PP •
PA6	•	fibras de PA6 •
MASCOTA	•	fibras de PES •
ordenador personal	•	PMMA •
PD	•	HIPS •
abdominales	•	SAN •
Caucho	•	PUR •

• : Recomendado • : Idoneidad limitada • : No recomendado

Si necesita información sobre otros polímeros, por favor, póngase en contacto con su representante local de BASF.

Presentación técnica

Para más detalles sobre los métodos de ensayo, por favor refiérase a los colorantes BASF para los métodos de prueba plásticos vista general o el contacto con su representante local de BASF.

PVC-P

	reducción blanca sombra completa	
concentración de pigmento	0,10%	0.20%
TiO₂ concentración		2,00%
Migración (GS)	5	Nuevo Testamento
Light fastness (BWS)	8	8
Hot light fastness (GS)	5	4-5
Weather resistance (GS) 3000 h	4-5	4
5000 h	4-5	4

nt: not tested

-: below limit of GS 3

HDPE

	Full shade White reduction	
Pigment concentration	0.10 %	0.10 %
TiO₂ concentration		1.00 %
Heat resistance (°C) Limit DE 3	300	300
Migration (GS)	5	nt
Light fastness (BWS)	8	8
Weather resistance (GS) 3000 h	5	5
5000 h	5	5

nt: not tested

-: below limit of GS 3

Warping High
Filter pressure value in PP (bar/g) not tested

PA6

Full shade White reduction		
Pigment concentration	0.20 %	0.20 %
TiO ₂ concentration		1.00 %
Heat resistance (°C) Limit DE 3	300	300
Migration (GS)	5	nt
Light fastness (BWS)	8	8

nt: not tested

PET

Full shade	
Pigment concentration	0.10 %
Heat resistance (°C) Limit DE 3	270
Migration (GS)	5
Light fastness (BWS)	7-8

PC

Full shade	
Pigment concentration	0.10 %
Heat resistance (°C) Limit DE 3	280
Migration (GS)	5
Light fastness (BWS)	7-8

PMMA

Full shade	
Pigment concentration	0.10 %
Heat resistance (°C) Limit DE 3	300
Migration (GS)	5
Light fastness (BWS)	7-8

PS

Full shade White reduction		
Pigment concentration	0.10 %	0.10 %
TiO ₂ concentration		1.00 %
Heat resistance (°C) Limit DE 3	300	300
Migration (GS)	5	nt
Light fastness (BWS)	7-8	7

nt: not tested

HIPS

White reduction	
Pigment concentration	0.20 %
TiO ₂ concentration	1.00 %
Heat resistance (°C) Limit DE 3	300
Migration (GS)	5
Light fastness (BWS)	6

ABS

Full shade White reduction		
Pigment concentration	0.20 %	0.20 %
TiO ₂ concentration		1.00 %
Heat resistance (°C) Limit DE 3	280	300
Migration (GS)	5	nt
Light fastness (BWS)	7	6-7

nt: not tested

SAN

	White reduction
Pigment concentration	0.20 %
TiO ₂ concentration	1.00 %
Heat resistance (°C) Limit DE 3	280
Migration (GS)	5
Light fastness (BWS)	8

**Regulatory and
Compliance status**

For details regarding the regulatory and compliance status, please refer to the respective product regulatory information sheets and food contact certificates.

They are available upon request at ed-psr@basf.com.

Note

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