

**ULTRAZUR™  
ULTRAMARINE BLUE**



**IT'S ULTRA IN EVERY WAY**

BRIGHTER COLORS.  
BRIGHTER LIFE.



# ULTRAMARINE BLUE ULTRAZUR™ IS PRODUCED USING STATE-OF-THE-ART TECHNOLOGY



## HEUBACH LAUNCHES TOP-PERFORMING RANGE OF SUSTAINABLE ULTRAMARINE BLUE PIGMENTS

HEUBACH a global leader in Organic & Inorganic pigment launches a new Ultramarine Blue pigment. Ultrazur™ is produced using state-of-the-art technology that will provide excellent, consistent quality and significant advantages from a sustainability standpoint. Its suitable for a wide range of polymers and widespread applications from packaging to fiber.

Ultrazur™ has been tested extensively against market benchmarks and displays excellent product properties that make it an optimal choice for a range of different applications that require a medium to high-performing Ultramarine Blue pigment



- Non-toxic, Environmentally friendly profile: significantly reduced CO<sub>2</sub> emissions
- Safe product in processing and final use
- Maintain dimensional stability of Polyolefins: non-warping, non-shrinking
- Excellent heat resistance (up to 350°C)
- Excellent light fastness & weather resistance
- Does not migrate



## ULTRAZUR™ GRADES ARE RECOMMENDED FOR VARIOUS PLASTIC APPLICATIONS:

- Fibers (high dispersibility, low filter value)
- Outdoor applications (excellent light-and weather fastness)
- Toys (compliance with regulations)
- Packaging (compliance with regulations, high chroma)
- Appliances (high durability)
- And many more

and a large variety of polymers, such as

- Polyolefines (HDPE, LDPE, PP)
- Engineering resins
- PET
- PVC





# ULTRAMARINE BLUE PRODUCTION HPPL PLANT AT HEUBACH SITE IN DAHEJ

## ABOUT HEUBACH PIGMENTS PVT. LTD.

Ultrazur™ is manufactured in Heubach's site in Dahej, India, in a brand-new production facility with state-of-the-art technology and highly automated processes. This ensures highly consistent quality and best-in-class environmental performance. "Ultrazur™ is the 'greenest' Ultramarine Blue in the market. Our modern manufacturing site in Dahej sets the basis for excellent sustainability performance.



## ULTRAZUR - PIGMENT BLUE 29

Technical Data Sheet

PRODUCT DESCRIPTION	
Colour	Soft Blue Powder
Colour Index	Pigment Blue-29
C.I. No.	C.I. 77007
EC Number	309-928-3
CAS No.	57455-37-5
Chemical Type	Ultramarine - Inorganic type
PHYSICAL DATA	
Appearance	Soft Blue Powder
Particle size D50 [microns]	1.0
Moisture Content [%]	< 1 %
STANDARD PACKAGING	
25 kg paper bag	Different types of packaging are available on request

PRODUCT DESCRIPTION	
$Al_6Na_8O_{24}S_3Si_6$	
CHEMICAL PROPERTIES	
Free sulphur [%]	<200 ppm
Soluble salt [%]	< 1

### Technical Evaluation

Coloristic Evaluation, Pigment Blue 29

1.1 Coloristic Evaluation in LDPE Testing (Two Roll Mill)

Sample	Standard	Coloristic Evaluation							TS %
		DL	Da	Db	DC	DH	DE		
HPPL/PB-29	STD	-0.37	0.13	0.41	-0.42	0.10	0.56	101.31	

2) Application Technological Properties

2.1 Fastness to Heat

Product	Heat Fastness
HPPL/PB-29	>300°C

2.2 Fastness to Alkali

Product	Alkali
HPPL/PB-29	5

Revision No.: 1 Revision

Date: 01 / 2023

Our product specifications and application information are based on our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and us.

**HEUBACH COLOUR PVT. LTD.**

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