



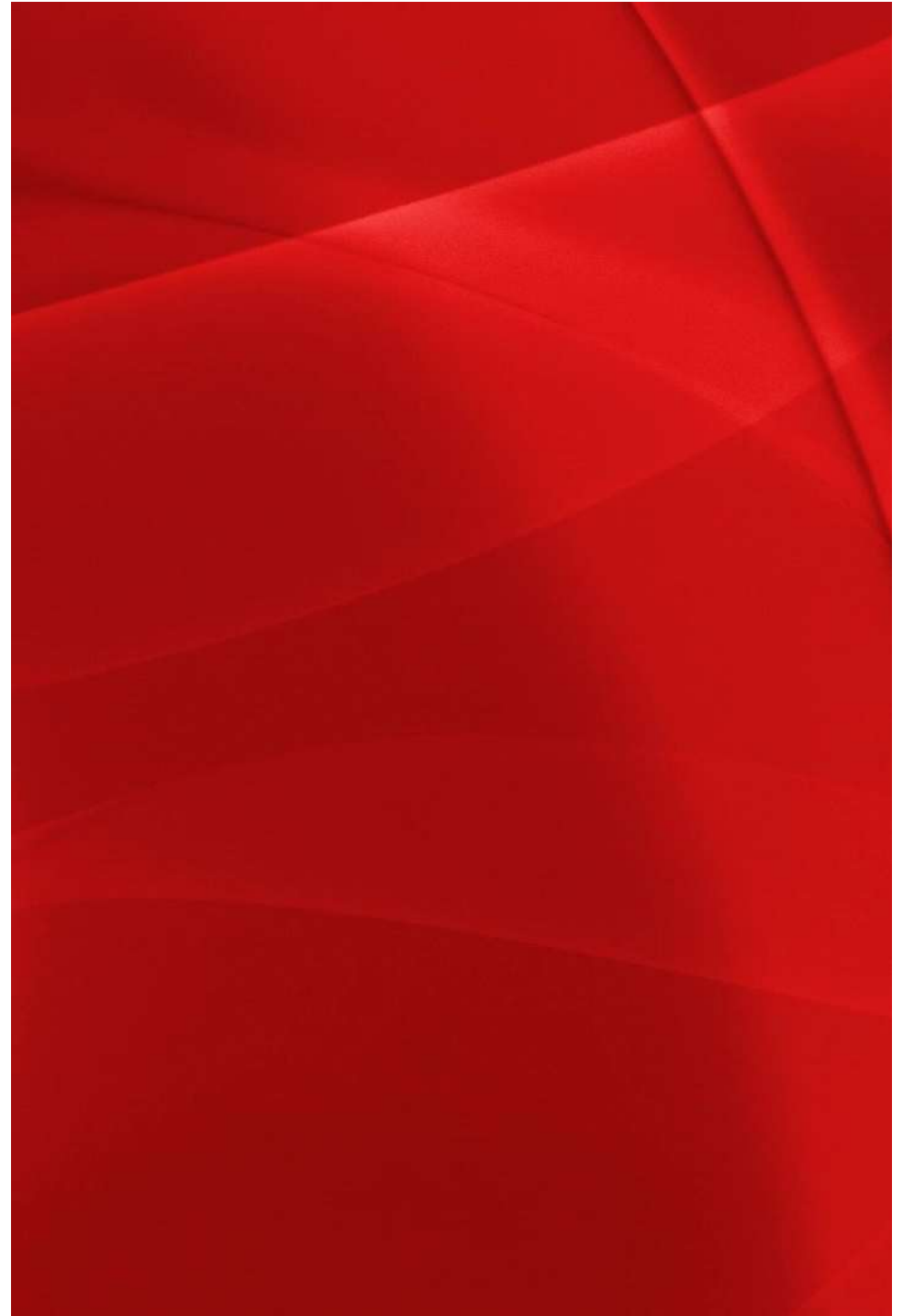
Pigment Red 168 (PR168)

**High-Performance Dibromoanthanthrone Red Pigment
Applications in Coatings, Plastics, and Inks**



Introduction

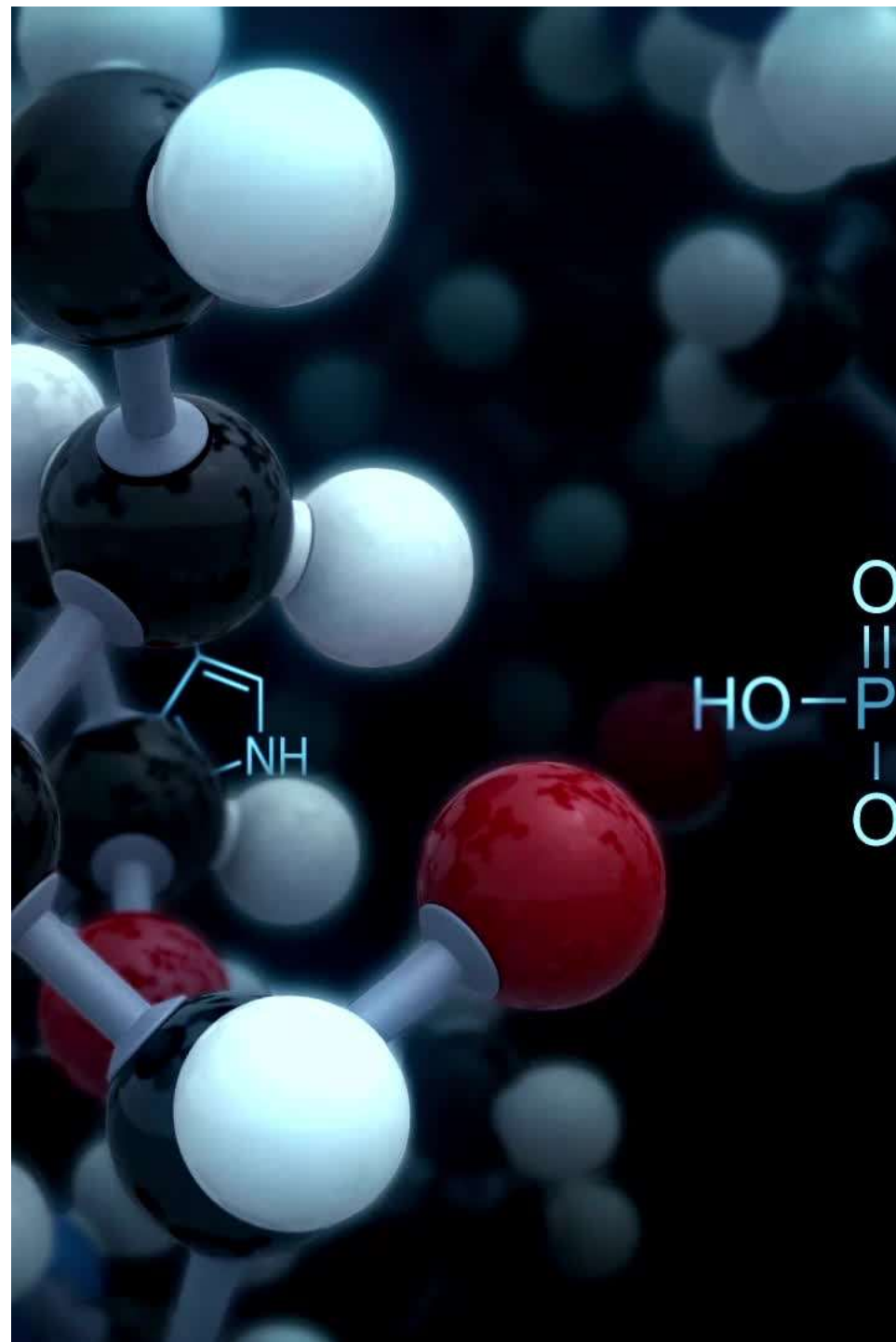
- **Pigment Red 168 (PR168)**
- **Class: Di Bromo Anthranone Red pigment**
- **Brilliant red shade with excellent durability**
- **CAS No. 17038-89-4**







Chemical Structure & Properties

- **Molecular Formula:**
C₃₂H₁₆N₂O₂
- **Molecular Weight:** ~476 g/mol
- **Transparency:** Medium to high
- **Tinctorial Strength:** Excellent
- **Lightfastness:** Outstanding





Performance Characteristics

- • **Excellent lightfastness** 
- • **High weather resistance** 
- • **Very good heat stability** 
- • **Excellent solvent fastness** 

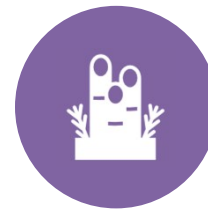
Applications



• **AUTOMOTIVE
COATINGS** 



• **INDUSTRIAL
PAINTS** 



• **DECORATIVE
PAINTS** 



• **PLASTICS** 



• **PRINTING
INKS** 

Shade & Visuals



- **Vibrant, brilliant red shade**

- **Compared with PR149, PR170, PR266**

- **Preferred for outdoor coatings**

SHADE COMPARISON



MASS TONE
VIBFAST RED 168
PIGMENT RED 168 – BLUER TONE
APPLICATIONS: SB PAINTS

STANDARD
HOSTAPERM SCARLET GO

SAMPLE
VIBFAST SAMPLE



TINT TONE
VIBFAST RED 168
PIGMENT RED 168 – BLUER TONE
APPLICATIONS: SB PAINTS

STANDARD
HOSTAPERM SCARLET GO

SAMPLE
VIBFAST SAMPLE



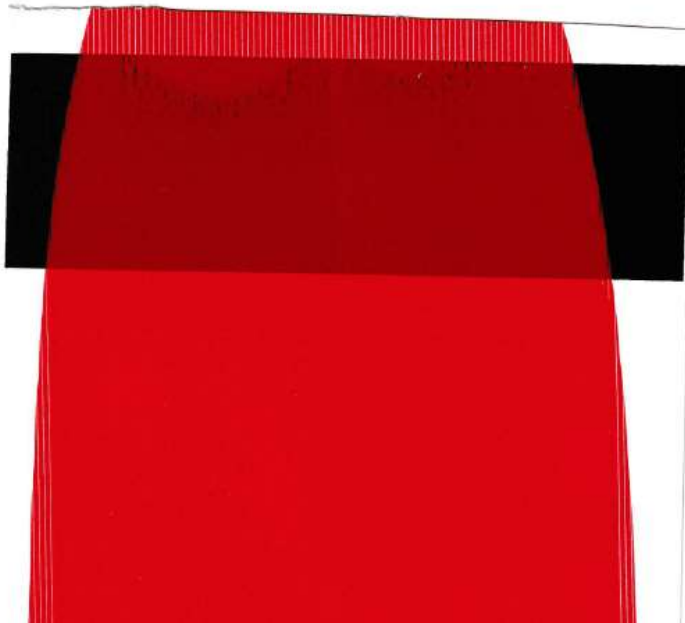
SHADE COMPARISON



MASS TONE
VIBFAST RED 168
PIGMENT RED 168 – YELLOWER TONE
APPLICATIONS: SB PAINTS

STANDARD
HOSTAPERM SCARLET GO

SAMPLE
VIBFAST SAMPLE



TINT TONE
VIBFAST RED 168
PIGMENT RED 168 – YELLOWER TONE
APPLICATIONS: SB PAINTS

STANDARD
HOSTAPERM SCARLET GO

SAMPLE
VIBFAST SAMPLE



Advantages



- Clean, brilliant red color
- Non-bleeding properties
- Excellent outdoor durability
- Balanced cost vs. performance



Market Insights

- **Widely used in high-performance coatings & plastics**

- **Growing demand in Asia-Pacific & Europe**

- **Key suppliers: BASF, Clariant, DIC, Sudarshan**



Safety & Regulatory

-
- **REACH compliant**
-
- **Non-toxic under normal use**
-
- **Handle with protective equipment**



Conclusion

Pigment Red 168 is a vibrant high-performance pigment

Ideal for automotive and outdoor applications

A preferred choice in coatings and plastics industry



CONTACT INFORMATION

VIBFAST PIGMENTS PVT LTD

C-1,91/6, G.I.D.C., Behind Bank of India,
Phase - 1, GIDC VATWA, AHMEDABAD -
382445, GUJARAT STATE - INDIA

Phone: +91 98250 06008

Email: amit@vibfast.com

Phone: +91 99789 74468

Email: shimona@vibfast.com

www.vibfast.com