

# Hostaperm Brown HFR 01

Clariant

Product Data Sheet - Organic Pigments for Paints

Edition

## Pigment Brown 25

<b>Chem. Group:</b>	Benzimidazolone	<b>C.I.-No.:</b>	12510	<b>CAS No.:</b>	
<b>Product No.:</b>	104981				
<b>Product Description</b>					

Very transparent, dark brown pigment with excellent fastness to light and weathering. Used particularly for brown and maroon shades in metallic paints.

Application Profile		Physical Data	
Automotive Coatings	recommended	Density [g/cm <sup>3</sup> ]	1.58
Industrial Coatings	recommended	Form of Supply	powder

Special Recommendations	
Air-drying Alkyds	●
Physically Drying Paints	●
Baking Enamels	●
Acid Cured Paints	●
Amine Cured Epoxies	●
Isocyanate Cured Paints	●
Waterbased Paints	●

Specific Surface [m <sup>2</sup> /g]	95
Oil Absorption Number [ml/100g]	88
Avg. Size of Primary Particles [nm]	89
Heat Stability [°C]	210

● = recommended  
○ = limited suitability  
- = not recommended

### Fastness Data

	to Light		to Weathering*				
	LOA	AM	12 Months		24 Months		
			LOA	AM	LOA	AM	
Full Shade	8	8	5	5	5	5	
Deep Shade	8	8	5	5	5	5	
1/3 ST	[ 1:6.3 TiO <sub>2</sub> ]	8	8	4-5	4-5	4	4
1/25 ST	[ 1:66 TiO <sub>2</sub> ]	7-8	7-8	4	4	4	4
Acids	6		Alkali	6			
Water	6		Butanol	4-5			

**Butyl Glycol** 4  
**Methyl Ethyl Ketone** 3-4  
**Xylene** 4-5  
**Blooming** No blooming observed

**Butyl Acetate** 4  
**White Spirit** 6  
**Dibutyl Phthalate** 4-5  
**Fastness to Overpainting**

NC	AM	AM
	(120°C)	(160°C)
5	5	5

LOA - Air-drying Long Oil Alkyd  
 AM - Baked Alkyd-Melamine  
 NC - Nitrocellulose Combination Lacquer

**Reflectance Curve**

