

Technical Data Sheet

HIFIFAST YELLOW HF4G-L

HIFIFAST YELLOW HF4G-L is a greenish yellow pigment with excellent fastness to light and weathering, especially in deep shades. Relatively good opacity for an organic pigment. Suitable for PP, packaging and toy applications. Ideal replacement for diarylide and lead chromate pigments.

HIFIFAST YELLOW HF4G-L	
C.I. Name	Pigment Yellow 151
C.I. No.	13980
CAS No.	31837-42-0
Chemical Class	Benzimidazolone

Physical Data		Chemical Resistance	
Density (g/cm ³)	1.55	Hydrochloric acid resistance	5
Specific surface (m ² /g)	23	Sodium hydroxide resistance	5
DOP absorption		Warping	
Color strength (SD1/3 in PP)	0.38	Warping in HDPE	low

Applications	
PVC	●
LDPE	●
HDPE/PP	●
PS	●
PUR	●
ABS	○
PA-6	—
PC	—
PET/PBT	—
POM	●
Rubber	●
PP fibres	○
PET fibres	—
PA fibres	—

● Recommended ○ Limited suitability — Not recommended

Fastness Properties						
		Heat resistance	Lightfastness	Weathering	Migration in PVC	Hot light 600KJ/m ²
PP	0.10%	240°C	8	5	5	5
	0.1%+1%TiO ₂	240°C	8	4-5	4-5	5