

PV FAST ORANGE H2GL
**HIGH PERFORMANCE REDDISH ORANGE
ORGANIC PIGMENT FOR PLASTICS**



BRIGHTER COLORS.
BRIGHTER LIFE.

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PV Fast Orange H2GL is a strong, brilliant and pure red shade orange with excellent fastness properties and high heat stability recommended in a wide range of applications and polymers. A very good dispersible pigment with high transparency and lot to lot consistency.

Chemical Group : Benzimidazolone
Colour Index : Pigment Orange 64
Cl. No. : 12760

SPECIAL FEATURES

- OK Compost Industrial Certified (En13432)
- Complies with US-FDA, AP(89)1, EN71-3, EU 10/2011 and RoHS regulations
- Low filter pressure value (less than 2 bar/gram at 15 micron mesh)
- Excellent flow and dispersion properties in Polyolefins, PVC, EVA and Rubber
- It has outstanding properties like light fastness 7-8 in both FT and RT on blue wool scale, weather fastness is 4 (on grey scale) and heat stability upto 300° C in PE.
- PV Fast Orange H2GL is an excellent alternative to diarylide and lead chromate orange pigments
- Applications: MB for Food packaging, film, blown bottles, roto-molding, gas pipes, injection molding

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES	
	PE	PP	PVC	PS	ABS	PC		
SD 1/3 [g/kg]	2.2	2.5	6.9	2.7	2.9	2.7	Density [g/cm³]	1.62
Hue angle [°]	44.9	45.0	46.7	42.9	44.4	45.3	Bulk density [l/kg]	5.4
Chroma	70.1	70.4	70.4	65.8	69.8	69.2	Average particle size [nm]	94
Light fastness (Full shade)	8	8	7	7-8	6-7	7-8	Alkali resistance	5
Light fastness (Reduction)	8	7-8	7	7	7	7	Acid resistance	5
Heat resistance [°C]	300	300	-	300	270	300	Specific surface [m²/g]	28
Weathering fastness	4-5	-	-	-	-	-		
Bleeding fastness	-	-	-	-	-	-		
Range of Applications							Additional Technical Properties	
Suitable	Limited Suitable	Not Suitable						
PO/PVC	PC	PA		Suitable for Low Warping Applications		Limited Suitability		
Rubber/EVA	POM	PET Fiber		Cable Sheathing		Limited Suitability		
PS/ABS	PBT	PA Fiber		Fastness to Bleeding in PVC-P		5		
PUR	PAN Fiber							
PP Fiber								

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