

PV FAST® GREEN GNX 02
**GREEN PIGMENT FOR PLASTICS, FOOD
CONTACT APPLICATIONS, CONSUMER
GOODS AND FIBER APPLICATION**



BRIGHTER COLORS.
BRIGHTER LIFE.

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PV Fast Green GNX 02 is an organic green pigment with excellent fastness and dispersion properties. It is suitable for fiber application and use up to processing temperatures of 300°C. It is more bluish in shade.

Chemical Group : Phthalocyanine Green
Colour Index : Pigment Green 7
Ci No. : 74260

SPECIAL FEATURES

- US FDA, AP(89)1 and RoHS compliant pigment
- Excellent dispersion due to low FPV (less than 2 bar/gram at 15 micron mesh)
- Has outstanding properties like light fastness 8 in both FT and RT on blue wool scale. Weather fastness is 5 (on grey scale) and heat stability upto 300°C
- Suitable for fiber and film application

COLORATION & TECHNICAL APPLICATION DATA							PHYSICAL & CHEMICAL PROPERTIES		
	PE	PP	PVC	PS	ABS	PC			
SD 1/3 [g/kg]	2.0	2.4	8.9	2.0	2.2	2.2	Density [g/cm³]	3.5	
Hue angle [°]	177.0	176.6	180.4	177.0	179.4	178.0	Bulk density [l/kg]	3.2	
Chroma	57.6	56	57.2	55.2	55.6	53.0	Average particle size [nm]	16.6	
Light fastness (Full shade)	8	8	8	8	8	8	Alkali resistance	5	
Light fastness (Reduction)	8	8	8	8	8	8	Acid resistance	5	
Heat resistance [°C]	300	300	-	300	290	340	Specific surface [m²/g]	39	
Weathering fastness	5	5	-	-	-	-			
Bleeding fastness	-	-	-	-	-	-			
Range of Applications						Additional Technical Properties			
Suitable	Limited Suitable	Not Suitable							
PO/PVC	PA Fiber					Suitable for Low Warping Applications		Not Suitable	
Rubber/EVA						Cable Sheathing		Suitable	
PS/ABS/PC/POM/PA/PBT						Fastness to Bleeding in PVC-P		5	
PUR									
PP Fiber/ PET Fiber									

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HEUBACH COLORANTS INDIA LIMITED

Formerly Clariant Chemicals (India) Limited

Reliable Tech Park, Off Thane-Belapur Road
Airoli, Navi Mumbai - 400 708, Maharashtra

gagan.saxena@clariant.com / 88601 64951
pinak.chowdhury@clariant.com / 98302 69562
vishakha.nanodkar@clariant.com / 9892345200

www.heubach.com