

PV Fast Green GNX

Cu Phthalocyanine

C.I. Pigment Green 7
Colour Index No. 74260

RCC رنگ سیمی

heubach

Coloration and Technical Application Data

	PE	PVC	PS	ABS	PC
SD 1/3 [g/kg]	2.2	8.9	2.0	2.2	2.2
Hue [°]	177.0	180.4	177.0	179.4	178.0
Chroma	57.6	57.1	55.2	55.6	53.0
Lightfastness reduction	8	8	8	8	8
Lightfastness full shade	8	8	8	8	8
Heat resistance [°C]	300	-	300	290	340
Fastness to weathering	5	5	-	-	-
Fastness to bleeding	-	5	-	-	-

Physical and Chemical Properties

CAS number	1328-53-6
Density	2.06 g/cm ³
Bulk volume	3.3 l/kg
Alkali resistance	5
Acid resistance	5
Specific surface	39 m ² /g
Average particle size	50 nm

Range of Applications

	● recommended	○ limited suitability	— not recommended
LDPE	●		
HDPE	●		
PP	●		
PVC-U	●		
PVC-P	●		
Rubber	●		
PS/SAN	●		
ABS	●		
PC	●		
PBT	●		
PA	○		
POM	●		
Spin Dyeing			
PP	●		
PET	●		
PA	●		
PAN	●		

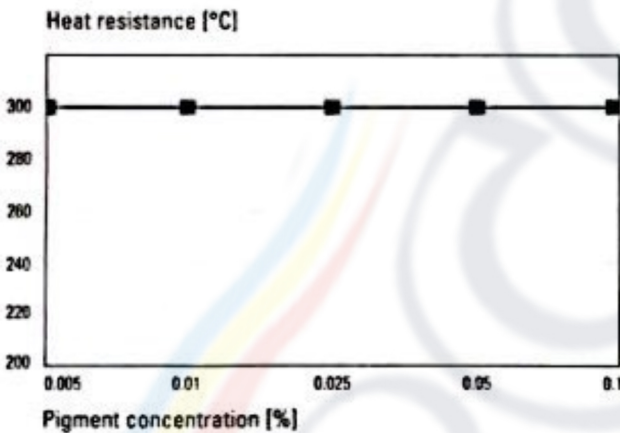
Specific Pigment Properties

Suitability for low warping applications	—
Suitability for cable sheathing applications	●

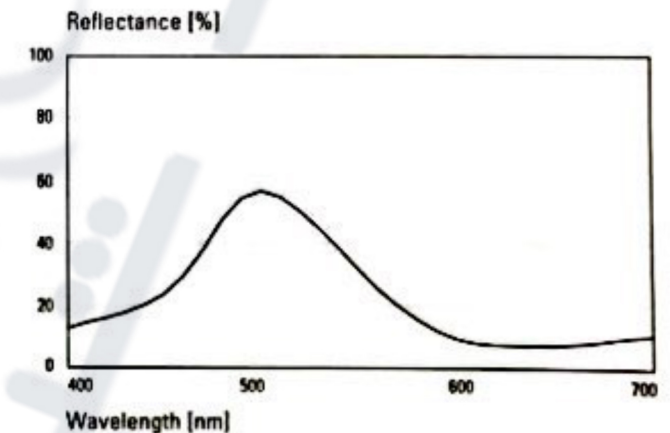
Commentary

Phthalocyanine pigment with excellent fastness and dispersion properties. Suitable for most plastics. Excellent fastness to weathering.

Limiting Concentration in HDPE



Reflectance Curve



0.1 % pigment
full shade



0.1 % pigment +
0.5 % TiO₂
reduction



SD 1/3 full shade



SD 1/3 reduction

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