



PV FAST ORANGE 6RL

PIGMENT ORANGE 68

PV Fast Orange 6RL is a reddish orange pigment with high heat resistance and compatibility in a broad range of plastics. After preliminary testing, it is suitable for the coloration of polyamides and other engineering polymers.



BENEFITS

- Highly stable in polyamide
- Excellent heat stability

TECHNICAL DATA

Product Data

Physical and Chemical Properties

Density	[g/cm³]	1.60
Bulk volume	[l/kg]	2.8
Average particle size	[nm]	221
Alkali resistance		5
Acid resistance		5
Specific surface	[m²/g]	30

Fastness Properties

		PE	PA	PVC	PS	ABS	PC
SD 1/3	[g/kg]	2.2	1.6	9.1	2.4	2.6	1.8
Hue angle	[°]	33.9	35.5	37.0	34.6	34.9	36.6
Chroma		55.9	54.4	61.5	59.0	60.0	58.9
Light fastness	(Full shade)	8	8	7	7	6-7	8
Light fastness	(Reduction)	7-8	7-8	7-8	7	6-7	7
Heat resistance	[°C]	300	300	–	300	300	300
Weathering fastness		3-4	–	4	–	–	–

Additional Technical Properties

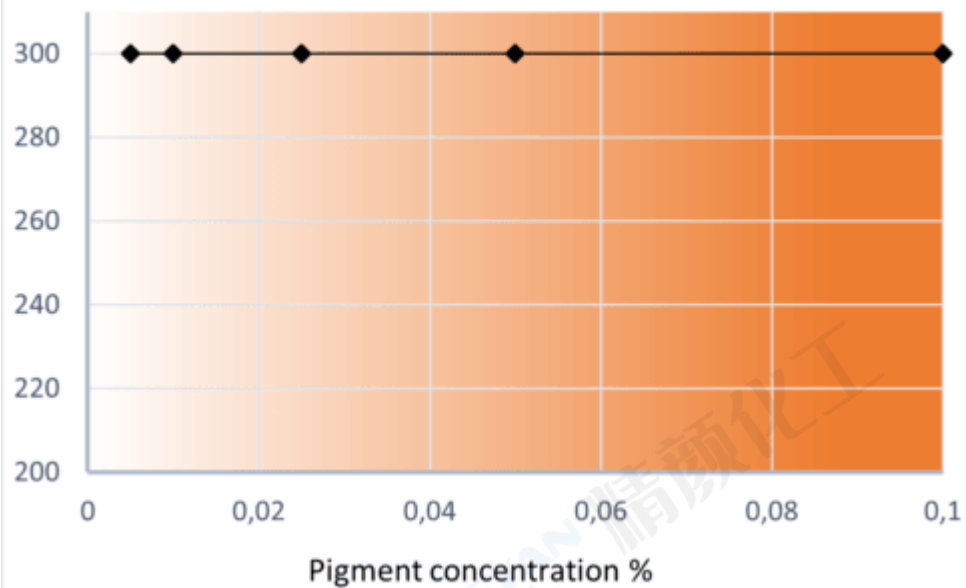
Low warping applications	Suitable
Cable sheathing	Not suitable
Fastness to bleeding in P-PVC	5

Applications

Suitable	Limited suitable	Not suitable
PO	PP Fiber	PET Fiber
PVC/ Rubber		PAN Fiber
PS/ ABS		
PC		
POM		
PBT		
PUR		
PA		
PA Fiber		

Limiting concentration in HDPE

Heat resistance [°C] **PV Fast Orange 6RL**



Reflection curve

Reflection [%] **PV Fast Orange 6RL**

