

Mopolor® Orange 3G



C. I . NO: Solvent Orange 60

CAS NO: 61969-47-9

Chemical Structure: Perinone

Shade : Orange with Yellow Cast

Same product: Keyplast Orange A N (KEY)

Macrolex Orange 3G (LANXESS)

Storage Stability : 5 Years

Physical & Chemical Properties

1	Appearance	Orange Powder
2	Chromatism	$\Delta E \leq 1.0$
3	Color strength	$100 \pm 1\%$ vs standard
4	Volatile content	$\leq 0.5\%$
5	Ash content	$\leq 0.2\%$
6	Screen test(60 mesh)	$\leq 5.0\%$
7	Melting point	230°C
8	Heat resisting property	300°C
9	Light Fastness	Level 7 – 8
10	Migration	Level 4 - 5
11	Density (23 °C)	1.43 g/cm ³
12	Bulk Density	0.11 g/cm ³
13	Heavy Metal Content	Table

Table ROHS Limit ppm

Cd	Cr VI	Hg	Pb	PBBs	PBDEs
10	10	10	10	10	10

Technical Data Sheet



Edition : MQ20180715

Solubility g/l - 23 °C

Water	Acetone	Benzyl alcohol	Butyl acetate	Ethanol	Methyl methacrylate	Methylene chloride	Styrene	Xylene
Insoluble	1	4	1.5	2	3	10	7	5

Recommended Application

PET	●	PBT	●
PA-6	●	PA-66	●
PS	●	HIPS	●
ABS	●	SAN	●
PMMA	●	PC	●
POM	○		
● Recommended	○ Potential Use	⊗ Not Recommended	

Heat Resistance For Application

Polymer	TiO2	Heat Resistance °C
PET	1%	290
PC	1%	350
PMMA	1%	300
PS	2%	300
PA	1%	300
ABS	4%	280
SAN	1%	280
PBT	1%	280