

Technical Data Sheet

Organic Pigments for Plastic & Masterbatch

ResunPlas™ 3176 Quindo Magenta

C.I. Pigment Red 122 (C.I. 73915)

CAS No. 980-26-7

EINECS No. 213-561-3

Chemical Class: Quinacridone

Description:

A clean and strong Quinacridone red with brilliant bluish shade, excellent light fastness, perfect resistance to solvents and heat stability.

Application:

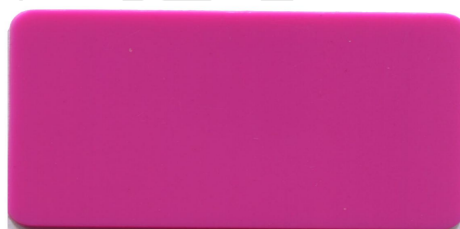
ResunPlas3176 Quindo Magenta is an all-purposed pigment and suitable for all applications in plastic where strong fastness properties are required.

LL/LDPE	HDPE	PP	PP FIBER	SPVC	UPVC	PS	ABS	PA6	PET	TPR/TPE	EVA	RUBBER
●	●	●	●	●	●	●	◎	◎	●	●	●	●

Note: ● Recommended Application ◎ Limited Suitability - Not Recommended



Full Shade
(0.2% Pigment)



Reduced Shade
(0.1% Pigment + 1% TiO2)

Physical Properties:

Specific Gravity :	1.35-1.55 g/cm ³
Moisture :	1.5% max.
Water Soluble Salts :	1.5% max.
Specific Surface :	40-90m ² /g
Bulk Volume :	2.5-3.5 l/kg
Average particle size :	50-150 um
Oil Absorption :	40-70g/100g
Electrical Conductivity :	500 µs/cm max.
pH Value :	5.0-6.0

Heat Stability (10 mins):

0.2% Pigment :	290°C
0.1% Pigment :	280°C
0.05% Pigment :	280°C

Fastness Properties in PE:

Light (Full shade) :	8
Light (Tint) :	7-8
Migration :	5

Solvent Resistance:

Alkali :	5
Acid :	5
Ethanol :	5
Ethyl acetate :	5
MEK :	5
Toluene :	5
White Spirit :	5
DBP :	5
Paraffine :	5

Remarks: Fastness Properties are assessed on 1-5 scale except Light Fastness is assessed on 1-8 scale.

Note: The above information is provided as guidelines only and to the best of our knowledge true and accurate. Due to the display limitation, the above colour shades may not be exactly same as the true pigment colours. We strongly recommend a careful testing & screening before using the pigments in production.