

Technical Data Sheet

Organic Pigments for Plastic & Masterbatch

ResunPlas™ 6988 Permanent Violet RLP

C.I. Pigment Violet 23 (C.I. 51319)

CAS No. 6358-30-1

EINECS No. 228-767-9

Chemical Class: Dioxazine

Description:

A Dioxazine violet pigment in reddish shade with very high tint strength and colour intensity, it has excellent resistant properties.

Application:

ResunPlas 6988 Permanent Violet RLP is suitable for all applications in plastics and rubber with high performance. The light fastness and some colour loss may be experienced if used in plastics for the production of reduced shades, especially with TiO₂. It is also used for reddening blue pigments and toning of white pigments.

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 :	1.40-1.60 g/cm ³
Moisture :	1.5% max.
Water Soluble Salts :	1.5% max.
Specific Surface :	50-90m ² /g
Bulk Volume :	2.5-3.0 l/kg
Average particle size :	80-150 um
Oil Absorption :	30-60g/100g
Electrical Conductivity :	500 µs/cm max.
pH Value :	7.0-8.0

Heat Stability (10 mins):

0.2% Pigment :	240°C
0.1% Pigment :	240°C
0.05% Pigment :	220°C

Fastness Properties in PE:

Light (Full shade) :	7-8
Light (Tint) :	7
Migration :	4-5

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.

For more information, please visit <http://www.resuncolour.com> or contact sales@resuncolour.com