



DYPLAST™ ORANGE 2107

Solvent Orange 107

Solvent Dye for Plastics

Chemical Group :
 Colour Index Name :
 Colour Index Number :
 CAS Number :
 Molecular Formula :

Methine Dyestuff
 Solvent Orange 107 / Disperse Orange 47
 -
 5718-26-3
 $C_{23}H_{12}OS$

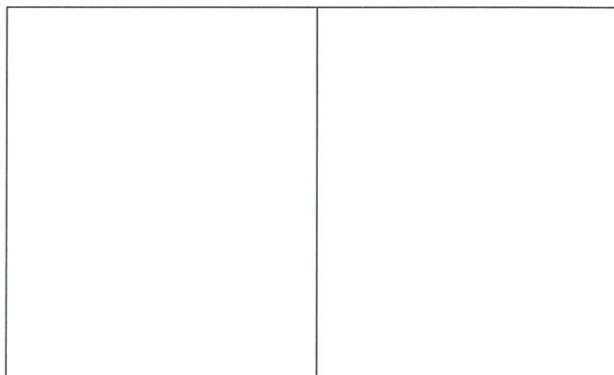
Illustrations :

Illustrations were prepared using injection moulding at 200 °C.

Resin used: Polystyrene Crystal Resin

Transparent Shade contains: 0,05 % Dyestuff

Tint Shade contains: 0,05 % Dyestuff + 0,5 % Titanium Dioxide.



Technical & Chemical Properties :

Physical Form :

Light Fastness : Very Good

Specific Gravity : g/cm³

Melting Point :

Moisture Content (volatile components at 105 °C):

pH Value :

Ash Content :

Alkali Resistance :

Acid Resistance :

Red Powder

Transparent : 7/8

Opaque : 5/6

1.70

224 °C

0.5 % Max

6 - 7

0.3 % Max

5

5

Heat Resistance : (°C) Approx

	PS	ABS	SAN	PMMA	PC	PET
Transparent :	300	280	300	280	320	270
Opaque :	300	280	300	280	320	-

Commentary :

Both transparent and opaque dyeing of PS, SAN, PMMA, PC, rigid PVC.
 Opaque dyeing of SB, ABS and ABS/PC blends.

Additional Technical Properties :

PET

PA

PA Fiber Applications

Recommended

Not recommended

Not recommended