Product Data Sheet

DYPLAST™ Fluo GREEN 5007

Solvent Green 7 **Solvent Dye for Plastics**

Chemical Group :	Pyranine Dyestuff
Colour Index Name :	Solvent Green 7
Colour Index Number :	59040
CAS Number :	6358-69-6
Molecular Formula :	$C_{16}H_7O_{10}S_3Na_3$

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 :	Bright Green Yellow Powder	
Light Fastness : Very Good in full shade	Transparent : 6/7	Opaque : 3/4
Specific Gravity :g/cm³	1.40	
Melting Point :	-	
Moisture Content (volatile components at 105 °C):	0.5 % Max	
pH Value :	5 - 7	
Ash Content :	0.3 % Max	
Alkali Resistance :	5	
Acid Resistance :	5	

Heat Resistance : (°C) Approx

	PS	ABS	SAN	PMMA	PC	PET
Transparent :	280	280	-	280	>300	-
Opaque :	280	260	-	280	>300	-

Commentary :

A fluorescent green shade yellow with very good light fastness and good heat resistance.
It is recommended in opaque applications to achieve brilliant shades.

Additional Technical Properties :

PET	Not recommended
PA	Not recommended
PA Fiber Applications	Not recommended

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