



DYPLAST™ YELLOW 1167

Solvent Yellow 167

Solvent Dye for Plastics

Chemical Group :	Anthraquinone Dyestuff
Colour Index Name :	Solvent Yellow 167
Colour Index Number :	588390
CAS Number :	13354-35-3
Molecular Formula :	C ₂₀ H ₁₂ O ₂ S

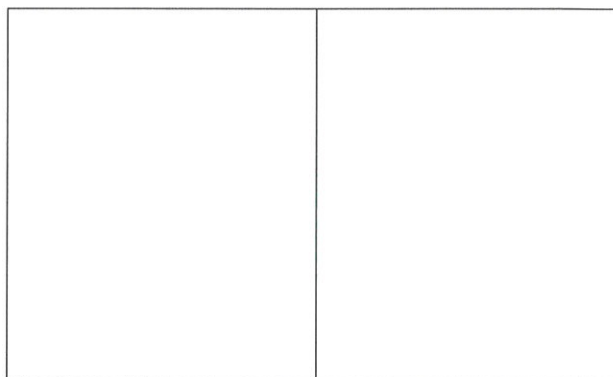
Illustrations :

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 :

<i>Physical Form :</i>	Bright Yellow Powder
<i>Light Fastness :</i> Very Good	Transparent : 7/8 Opaque : 6
<i>Specific Gravity :</i> g/cm ³	1.40
<i>Melting Point :</i>	-
<i>Moisture Content (volatile components at 105 °C):</i>	1 % Max
<i>pH Value :</i>	6 – 8
<i>Ash Content :</i>	0.5 % Max
<i>Alkali Resistance :</i>	5
<i>Acid Resistance :</i>	5

Heat Resistance : (°C) Approx

	PS	ABS	SAN	PMMA	PC	PET
Transparent :	280	280	-	260	300	-
Opaque :	280	280	-	240	300	-

Commentary :

An bright yellow shade with high tinting strength and good light fastness and good heat resistance.
Both transparent and opaque dyeing of PS,ABS, PMMA, PC.
Opaque dyeing of SB, ABS and ABS/PC blends.

Additional Technical Properties :

PET	Not recommended
PA	Not recommended
PA Fiber Applications	Not recommended