

NL-P440 - Plastic

Technical Data Sheet

Product Description

Colour Index Name	Pigment Yellow 34
Colour Index No.	77600
CAS Number	1344-37-2
Chemical Name	Lead Chromate/Middle Chrome

Mass Tone

Tint Tone: 1:10



Physical Properties

Parameter	Values	Method
Specific gravity	5.3 gm/cm ³	IS 33 1992
Oil absorption	22 g/100 g (±5 g)	IS 33 1992
pH of aqueous extract	6 - 8	IS 33 1992
Moisture content	Max. 1.0 %	IS 33 1992
Residue on sieve (45 µm)	Max. 0.5 %	IS 33 1992
Water soluble salts	Max. 1.0 %	IS 33 1992
Conductivity	Max. 500 µS	IS 33 1992
Soluble Pb - content	Max. 1.0 %	IS 3711

Structural Formula



Fastness Properties

Parameter	Values	Method
Heat stability (5 min)	240°C	VX/FP/002
Light fastness (1 - 8)		
Full shade	6 - 7	DIN EN ISO4892-2
Reduction	6 - 7	IS 33 1992
Weather fastness (1 - 5)		
Full shade	4 - 5	ASTM G 155
Reduction	3 - 4	ASTM G 155
Migration	5	DIN EN 20105-A03

Applications

Polymers	Recommendation
LDPE	Y
HDPE	Y
PP Mouldings	Y
PVC	Y
RUBBER	Y
ABS	N
GPSS	N
PET	N
PC	N

Y - Recommended
L - Limited use
N - Not Recommended

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