

# X-CHEM GLOBAL ORGANIC PIGMENTS FOR PLASTICS

PARTICULAR			APPLICATIONS				PROPERTY				
CI NAME	Mass Tone	Tint Tone	Polyolefins	PVC & PVC Leather	Engineering Plastics	PP Fibre	Light Fastness Mass Tone/Tint Tone	Weather Fastness Mass Tone	Heat Resistance ☒	Bleeding in PVC - P	Warpage in HDPE
Pigment Yellow 13			◆	◆	-	-	5-6/2-3	-	5-6/2-3	5-6/2-3	Low
Pigment Yellow 17			◆	◆	-	-	5-6/2-3	-	5-6/2-3	5-6/2-3	Low
Pigment Yellow 62			◆	◇	-	○	6-7/4-5	2-3	6-7/4-5	6-7/4-5	Low
Pigment Yellow 83			◆	◆	-	○	5-6/2-3	-	5-6/2-3	5-6/2-3	Low
Pigment Yellow 110			◆	◆	-	◆	7-8/6-7	4-5	7-8/6-7	7-8/6-7	Medium
Pigment Yellow 139			◆	◆	-	◆	6-7/5-6	3-4	6-7/5-6	6-7/5-6	Low
Pigment Yellow 155			◆	◆	-	○	6-7/4-5	-	6-7/4-5	6-7/4-5	Low
Pigment Yellow 168			◆	◆	-	○	6-7/3-4	2-3	6-7/3-4	6-7/3-4	Low
Pigment Yellow 180			◆	◆	○	◆	7-8/5-6	3-4	7-8/5-6	7-8/5-6	Low
Pigment Yellow 181			◆	◆	-	◆	7-8/6-7	3-4	7-8/6-7	7-8/6-7	Low
Pigment Yellow 183			◆	◆	○	◆	6-7/4-5	2-3	6-7/4-5	6-7/4-5	Low
Pigment Yellow 191			◆	◆	○	◆	6-7/4-5	2-3	6-7/4-5	6-7/4-5	Low
Pigment Orange 13			◆	◆	-	-	4-5/2-3	-	4-5/2-3	4-5/2-3	Low
Pigment Orange 34			◆	◆	-	-	4-5/2-3	-	4-5/2-3	4-5/2-3	Low
Pigment Orange 36			◆	◆	-	○	6-7/5-6	3-4	6-7/5-6	6-7/5-6	Low
Pigment Orange 64			◆	◆	○	○	7-8/5-6	3-4	7-8/5-6	7-8/5-6	Low
Pigment Orange 73			◆	◆	-	◆	7-8/5-6	3-4	7-8/5-6	7-8/5-6	Low
Pigment Red 48:1			◆	◆	-	-	5-6/3-4	-	5-6/3-4	5-6/3-4	Low
Pigment Red 48:2			◆	◆	-	○	6-7/3-4	-	6-7/3-4	6-7/3-4	Low
Pigment Red 48:3			◆	◆	-	◆	6-7/4-5	2-3	6-7/4-5	6-7/4-5	Low
Pigment Red 53:1			◆	◆	-	-	5-6/2-3	-	5-6/2-3	5-6/2-3	Medium
Pigment Red 57:1			◆	◆	-	○	5-6/3-4	-	5-6/3-4	5-6/3-4	Medium
Pigment Red 122			◆	◆	○	◆	7-8/6-7	4-5	7-8/6-7	7-8/6-7	Low
Pigment Red 144			◆	◆	-	◆	6-7/4-5	3-4	6-7/4-5	6-7/4-5	Low
Pigment Red 166			◆	◆	-	◆	7-8/5-6	3-4	7-8/5-6	7-8/5-6	Medium
Pigment Red 170 (Y)			◆	○	-	○	6-7/4-5	2-3	6-7/4-5	6-7/4-5	Low
Pigment Red 170 (B)			◆	○	-	○	6-7/4-5	2-3	6-7/4-5	6-7/4-5	Low
Pigment Red 176			◆	◆	-	◆	7-8/5-6	3-4	7-8/5-6	7-8/5-6	Medium
Pigment Red 177			◆	◆	-	◆	7-8/5-6	3-4	7-8/5-6	7-8/5-6	Medium
Pigment Red 214			◆	◆	○	◆	7-8/6-7	3-4	7-8/6-7	7-8/6-7	Medium
Pigment Red 254			◆	◆	○	◆	7-8/6-7	4-5	7-8/6-7	7-8/6-7	Medium
Pigment Blue 15:0			◆	◆	-	-	6-7/4-5	4-5	6-7/4-5	6-7/4-5	High
Pigment Red 15:1			◆	◆	◆	◆	7-8/6-7	4-5	7-8/6-7	7-8/6-7	High
Pigment Red 15:3			◆	◆	◆	◆	7-8/6-7	4-5	7-8/6-7	7-8/6-7	High
Pigment Green 7			◆	◆	◆	◆	7-8/6-7	4-5	7-8/6-7	7-8/6-7	High
Pigment Violet 19			◆	◆	◆	◆	7-8/6-7	4-5	7-8/6-7	7-8/6-7	Low
Pigment Violet 23			◆	◆	-	◆	6-7/5-6	3-4	6-7/5-6	6-7/5-6	Medium

Recommended	◆
Partial Recommended	○
Not Recommended	-