

Milliken®

Keyplast™

Colorants for PET

The following Milliken colorants are recommended for use in PET we are confident that they will meet or exceed requirement for color brilliance and consistency.

Food Contact Compliant Colorants for PET*

The following Milliken colorants may be used safely in the manufacture of articles intended for use in PET Food contact applications.



	NAME	COLORANT NAME	REGULATORY STATUS	FOOD TYPES*	ADDITIONAL RESTRICTIONS
■ BLACKS	Keyplast Black AMX	Solvent Black Blend	Food contact compliant	E-H	.25% max
	MPC Channel Black	Pigment Black 7	21 CFR 178.3297	All	None
	Micropulverized MPC Channel Black	Pigment Black 7	21 CFR 178.3297	All	None
■ BLUES	Keyplast Blue BGL	Disperse Blue 60	Food contact compliant	E-H	.25% max
	Keyplast Blue KR	Solvent Blue 104	Food contact compliant	A-H	.25% max
	Keyplast Blue KGR	Pigment Blue 15:1	21 CFR 178.3297	All	None
■ GREENS	Keyplast Green B	Solvent Green 3	Food contact compliant	A-H	.25% max
	Keyplast Phthalo Green	Pigment Green 7	21 CFR 178.3297	All	None
■ ORANGES	Keyplast Orange LFP	Solvent Orange 60	Food contact compliant	D-G	.25% max
	Keyplast Orange LFP-HD	Solvent Orange 60	Food contact compliant	D-G	.25% max
	Keyplast FL Orange 2G	Solvent Orange 63	Food contact compliant	D-G	.10% max
	Keyplast FL Orange YF	Proprietary	Food contact compliant	D-G	.10% max
	Keyplast FL Red GL	Proprietary	Food contact compliant	D-G	.20% aqueous .10% Fatty
	Keyplast Orange GP	Pigment Orange 64	21 CFR 178.3297	B-H	1.0% max
■ REDS	Keyplast Red 60	Disperse Red 60	Food contact compliant	E-H	.21% max
	Keyplast Red AG	Solvent Red 135	Food contact compliant	A-H	.25% max
	Keyplast Red AG-HD	Solvent Red 135	Food contact compliant	A-H	.25% max
	Keyplast FL Red G	Solvent Red 149	Food contact compliant	D-G	.10% Max
	Keyplast Red CB	Solvent Red 195	Food contact compliant	E-H	.25% max
	Keyplast Red H	Proprietary	Food contact compliant	D-H	.25% max
	Keyplast Vat Red V	Pigment Red 177	21 CFR 178.3297	B-H	1.0% max
	Keyplast Red KPP	Pigment Red 254	21 CFR 178.3297	B-H	1.0% max
■ VIOLETS	Keyplast Violet IRS	Solvent Violet 13	Food contact compliant	E-H	.25% max

* See TB175 or product Regulatory data sheet for additional information

Food Contact Compliant Colorants for PET

	NAME	COLORANT NAME	SHADE DESCRIPTION	FOOD TYPES*	ADDITIONAL COMMENTS
■ YELLOWS	Keyplast Yellow 6G	Disperse Yellow 201	Food contact compliant	C-H	.2% max
	Keyplast Yellow 4GL	Disperse Yellow 241	Food contact compliant	E-H	.16% max
	Keyplast Yellow 3G	Solvent Yellow 93	Food contact compliant	A-H	.25% max
	Keyplast Fl. Yellow Green	Solvent Green 5	Food contact compliant	D-G	.10% max
	Keyplast Yellow AG	Solvent Yellow 114	Food contact compliant	D-G	.25% max
	Keyplast Fl. Yellow 10GN	Solvent Yellow 160:1	Food contact compliant	D-G	.10% max
	Keyplast Yellow 3KLTN	Pigment Yellow 110	21 CFR 176.170 c	B-H	1.0% max
	Keyplast Yellow 7GK	Pigment Yellow 138	21 CFR 178.3297	C-H	1.0% max
	Keyplast Yellow RNB	Pigment Yellow 147	21 CFR 177.1630	D-F, G	.25% max
	Keyplast Yellow KG	Pigment Yellow 180	21 CFR 176.170 c	B-G	1.0% max
OPTICAL BRIGHTENER	Keyfluor White OB-1	Fluorescent Brightener 393	21 CFR 176.170 c	I,II, IV-b, VI-a, VII-B, VIII	.025% max
	Keyfluor White OB	Fluorescent Brightener 184	21 CFR 176.170 c	I,II, IV-b, VI-a, VI-c,VII-B, VIII	.05% max

Additional recommended colorants for PET

	NAME	COLORANT NAME	SHADE DESCRIPTION
■ BLACKS	Keyplast Black AN	Solvent Black	Blue shade black w/o NIR Abs
■ BLUES	Keyplast Blue RR	Solvent Blue 97	Red shade Blue
■ GREENS	Keyplast Green GH	Solvent Green 28	Yellow Shade Green
■ ORANGES	Keyplast Orange MR	Disperse Orange 47	Medium shade Orange
■ REDS	Keyplast Rubine T	Solvent Red 52	Very blue shade Red
	Keyplast Red A2G	Solvent Red 179	Yellow Shade Red
	Keyplast Fl Red 5B	Vat Red 41	Flourescent red
■ VIOLETS	Keyplast Violet PF	Disperse Violet 1	Red shade Violet
	Keyplast Bordeaux HBL	Disperse Violet 26	Blue shade Violet
	Keyplast FL Violet RRN	Vat Violet 3	Fluorescent Violet
■ YELLOWS	Keyplast Yellow G	Dispese Yellow 64	Red shade Yellow
	Keyplast Yellow GHS	Solvent Yellow 163	Red shade Yellow

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PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at www.milliken.com/terms (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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