

Milliken®

Keyplast™

Colorants for Acrylic

Thermoplastic Acrylic polymers are used in an extremely broad range of applications due to its unique combination of properties. Thermoplastic Acrylic resins exhibit excellent optical clarity, high strength and impact resistance, superior UV light stability, and are able to withstand exposure to many chemicals and harsh environments.

Milliken has a range of dye suitable for use in Thermoplastic Acrylic polymers that can produce highly chromatic colors when used with white and other opaque pigments, as well as transparent shades with excellent clarity. Since these polymers often contain impact modifiers and other additives it is strongly recommended colorants be tested thoroughly for suitability in the desired application.



	NAME	COLORANT NAME	SHADE DESCRIPTION	ADDITIONAL COMMENTS
■ BLACKS	Keyplast Nigrosine R	Solvent Black 7	Deep blue shade black	
	Keyplast Black AMX	Proprietary Blend	Blue shade black	
	MPC Channel Black	Pigment Black 7	Channel Black	FDA under 21 CFR 178.3297
	Micropulverized MPC Channel Black	Pigment Black 7	Channel Black	FDA under 21 CFR 178.3297
■ BLUES	Keyplast Blue BGL	Disperse Blue 60	Green shade blue	
	Keyplast Blue B	Solvent Blue 35	Clean, strong medium shade blue	
	Keyplast Blue A	Solvent Blue 36	Clean, strong medium shade blue	
	Keyplast Blue RR	Solvent Blue 97	Red shade blue	
	Keyplast Blue KR	Solvent Blue 104	Red shade blue	
	Keyplast Blue KGR	Pigment Blue 15:1	Red shade blue	FDA under 21 CFR 178.3297
	Keyplast Blue KG	Pigment Blue 15:3	Green shade blue	FDA under 21 CFR 178.3297
■ GREENS	Keyplast Green B	Solvent Green 3	Blue shade green	
	Keyplast Green GH	Solvent Green 28	Yellow shade green	
	Keyplast Phthalo Green	Pigment Green 7	Blue shade green	FDA under 21 CFR 178.3297
■ ORANGES	Keyplast Orange MR	Disperse Orange 47	Strong red shade orange	
	Keyplast Orange LFP	Solvent Orange 60	Yellow shade orange	
	Keyplast Orange LFP-HD	Solvent Orange 60	Yellow shade orange- high density version	
	Keyplast FL Orange 2G	Solvent Orange 63	Red shade fluorescent orange	
	Keyplast FL Orange YF	Proprietary	Yellow shade fluorescent orange	
	Keyplast FL Red GL	Proprietary	Red shade fluorescent orange	
■ REDS	Keyplast Red 60	Disperse Red 60	Blue shade red	
	Keyplast Rubine T	Solvent red 52	Strong blue shade/magenta	
	Keyplast Red AA-TL	Solvent Red 111	Medium shade red	
	Keyplast Red AG	Solvent Red 135	Medium shade red	
	Keyplast Red AG-HD	Solvent Red 135	Medium shade red-High density version	
	Keyplast Red A2G	Solvent red 179	Medium shade red	
	Keyplast Red CB	Solvent Red 195	Strong blue shade red	
	Keyplast Red H	Proprietary	Strong blue shade red	
	Keyplast Magenta M6B	Solvent Red 207	Blue shade red/magenta	
	Keyplast FL Red 5B	Vat Red 41	Blue shade fluorescent red	
	Keyplast Vat Red V	Pigment Red 177	Strong blue shade red	FDA under 21 CFR 178.3297

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	NAME	COLORANT NAME	SHADE DESCRIPTION	ADDITIONAL COMMENTS
■ VIOLETS	Keyplast Violet IRS	Solvent Violet 13	Blue shade violet	
	Keyplast Violet PT	Solvent Violet 14	Strong red shade violet	
	Keyplast FL Violet RRN	Vat Violet 3	Strong red shade fluorescent violet	
■ YELLOWS	Keyplast Yellow G	Disperse Yellow 64	Medium shade yellow	
	Keyplast Yellow 6G	Disperse Yellow 201	Green shade yellow	
	Keyplast Yellow 4GL	Disperse Yellow 241	Medium shade yellow	
	Keyplast Yellow YC New	Solvent Yellow 33	Very green shade yellow	
	Keyplast Yellow 3G	Solvent Yellow 93	Medium shade yellow	
	Keyplast Yellow F	Solvent Yellow 104	Bright green shade yellow	
	Keyplast Yellow AG	Solvent Yellow 114	Medium shade yellow	
	Keyplast Yellow GHS	Solvent yellow 163	Red shade yellow	
	Keyplast FL Yellow Green 7G	Solvent green 5	Green shade fluorescent yellow	
	Keyplast FL Yellow R	Solvent Yellow 43	Green shade fluorescent yellow	
	Keyplast FL Yellow 3R	Solvent Yellow 98	Medium shade fluorescent yellow	
	Keyplast FL Yellow BT	Proprietary	Medium shade fluorescent yellow	
	Keyplast Yellow KG	Pigment Yellow 180	Green shade yellow	FDA under 21 CFR 178.3297
OPTICAL BRIGHTENER	Keyfluor White OB-1	Optical Brightener 393	Bright blue glow under UV	FDA to approved to.025%

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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