



KEYPLAST Dyes for Polyamide

Polyamide resins, also known as Nylon, are polymers often chosen for their ability to withstand elevated or extremely low service temperatures without loss of physical properties. They are used in demanding applications like power tools, automotive parts, gears, and appliance parts. The combination of high processing temperatures and amines present in Nylon polymers make most traditional dyes unsuitable for use.

Keystone Aniline Corporation recognizes the importance of colorant stability in Nylon and offers the following selection of dyes that are known to be stable in most compounds of Nylon 6, Nylon 66, glass-filled compounds as well as other Polyamide resins. Due to the complex chemistry of Nylon including the addition of some heat stabilizers, which have been known to react with colorants, it is strongly recommended colorants be tested thoroughly for suitability in the resin and for the end application.

	Product Name	Product Code	CI No.	Comments
■ BLACKS	Keyplast Nigrosine R	106-007-71	S.Blk. 7	Deep blue shade black
■ BLUES	Keyplast Blue KR	206-104-50	S.B. 104	Red shade blue
■ GREENS	Keyplast Green B	406-003-50	S.G. 3	Blue shade green
■ ORANGES	Keyplast Orange LFP	506-060-50	S.O. 60	Yellow shade orange
	Keyplast FL Orange 2G	506-063-51	S.O. 63	Red shade fluorescent orange
	Keyplast FL Orange YF	506-427-50	S.O.	Yellow shade fluorescent orange
■ REDS	Keyplast Rubine T	606-052-50	S.R. 52	Strong blue shade/magenta
	Keyplast Red BB	606-151-50	S.R. 151	Blue shade red/magenta
	Keyplast Red A2G	606-179-51	S.R. 179	Medium shade red
	Keyplast Red V	610-177-50	P.R. 177	Medium shade red
	Keyplast FL Red G	606-149-50	S.R. 149	Blue shade fluorescent red
	Keyplast FL Red RYFP	606-400-50	S.R.	Yellow shade fluorescent red
■ YELLOWS	Keyplast Yellow F	806-104-50	S.Y. 104	Bright green shade yellow
	Keyplast Yellow GHS	806-163-50	S.Y. 163	Red shade yellow
	Keyplast FL Yellow Green 7G	406-005-55	S.G. 5	Green shade fluorescent yellow
	Keyplast FL Yellow SC	806-131-50	S.Y. 131	Green shade fluorescent yellow
	Keyplast FL Yellow 10GN	806-160-55	S.Y. 160:1	Green shade fluorescent yellow
	Keyplast FL Yellow BT	806-445-50	S.Y. 191	Medium shade fluorescent yellow
OPTICAL BRIGHTENERS	Keyfluor White OB-1	915-184-52	OB 393	FDA approved
	Keyfluor White OB	915-426-51	OB 184	FDA approved
	Keyfluor White RWP Conc	950-010-55	OB 140	

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- In addition to supplying the most comprehensive line of colorants available, at **Keystone Aniline Corporation** we are committed to providing our customers with the best technical information available. Call **1-800-522-4DYE** for samples or technical assistance.
- Please give us a call or visit our web site at **www.dyes.com**
- As a Keystone customer, you will have direct access to professionals who can answer technical questions and provide timely assistance. Please feel free to contact us for samples of our dyes, technical specifications, or for formulating assistance.

DISCLAIMER: These data were obtained by testing according to our methods, with any necessary test deviations. Other test methods may give different results. Incoming evaluations, by the customer is therefore unconditionally recommended. The use and application of our colorants and information included is without any warranty, whether expressed or implied, verbal or written. No statements of recommendation contained in this product literature is to be construed as inducement to infringe on any relevant patent now or hereafter in existence.

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