

# TA 2400 CL series

## Red, Blue, White, Black & Natural Catalyst Masterbatches

**Product Description:** TA 2400 CL series catalyst masterbatches are used with Kafrit NA cross-linkable PEX-b compound TA 1108 HD to produce potable water tubing.

TA 2400 CL series catalyst contains color pigment and a crosslinking catalyst which will complete the Sioplas system when extruded with PEX-b compounds such as TA 1108 HD. TA 2400 CL series catalyst masterbatches also contain **antioxidant & metal deactivator additives**, which protect water pipes from long term degradation caused by oxidation, heat, and exposure to chlorine and active metal ions.

TA 2400 CL series catalyst masterbatches include **UV protection** (HALS and UV absorber) for weathering exposure of the equivalent of 6 months in Arizona, as tested in accordance with ASTM F2657.

**Appearance:** Cylindrical pellets.

<b>Available Colors:</b>	Red	TA 2410 CL
	Blue	TA 2411 CL
	White	TA 2412 CL
	Black	TA 2417 CL
	Red (multilayer)	TA 2418 CL
	White (multilayer)	TA 2419 CL
	Natural	TA 2420 CL

**Applications:** TA 2400 CL series catalyst masterbatches are used in the Sioplas process to produce PEX-b tubing for potable water systems connected with metal or plastic fittings.

**Addition levels:** These catalyst masterbatches are normally added at 5.0% to 95.0% graft polymer. This ratio ensures optimum processing conditions and application performance of the crosslinked PEX material.

**Packaging:** TA 2400 CL series catalyst masterbatches are supplied in 600 kg cardboard boxes.

**Storage:** TA 2400 CL series catalyst masterbatches must be stored in a cool, dry place. Storage at temperatures higher than 25°C may diminish the performance of the masterbatches.

Shelf life on opened packages is one year provided they are resealed airtight. Unopened packages should not be stored longer than four years.

**Standards:** Pipe produced with TA 2400 CL catalysts satisfies the requirements of ANSI/NSF standard 14 and standard 61. TA 2400 CL series catalysts when used with TA 1108 HD graft are designated PEX 5306 materials.

<b>Physical Properties:</b>	Density:	0.97 - 1.27 g/cm <sup>3</sup>
	Bulk Density:	0.52 – 0.72 g/cm <sup>3</sup>
	Volatiles:	< 0.15 %
	MFR (190°C/2.16kg):	9.0 – 55.0 g/10 min

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