

# TA 2420 CL

## Natural Catalyst Masterbatch

**Product Description:** TA 2420 CL catalyst masterbatch is used with Kafrit NA cross-linkable PEX-b compound TA 1108 HD to produce potable water tubing.

TA 2420 CL contains a crosslinking catalyst which will complete the Sioplas System when extruded with PEX-b compounds such as TA 1108 HD. TA 2420 CL contains additives which protect the finished product from long term degradation caused by oxidation, heat, and exposure to chlorine and active metal ions.

TA 2420 CL includes UV protection (HALS and UV absorber) for weathering exposure of the equivalent of 6 months in Arizona, as tested in accordance with ASTM F 2657.

**Appearance:** Light amber, translucent pellets.

**Applications:** TA 2420 CL is a catalyst masterbatch used in the Sioplas process to produce PEX-b tubing for potable water systems connected with metal or plastic fittings.

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

**Packaging:** TA 2420 CL is supplied in 600 kg cardboard gaylords.

**Storage:** TA 2420 CL must be stored in a cool, dry place. Storage at temperatures higher than 25°C may diminish the performance of the masterbatch.

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 2420 CL satisfies the requirements of ANSI/NSF 61. TA 2420 CL is considered non-toxic when used to produce pipe and tubing for potable water applications at the recommended 5.0% dosing rate.

**Physical Properties:**

Density:	0.975 g/cm <sup>3</sup>
Bulk Density:	0.557 g/cm <sup>3</sup>
Volatiles:	< 0.15 %
MFR (190°C/2.16kg):	10.5 g/10 min

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