

TA 2412 CL

White Catalyst Masterbatch

Product Description: TA 2412 CL catalyst masterbatch is used with SILON crosslinkable PEX-b compound TA 1108 HD to produce potable water tubing.

TA 2412 CL contains white color pigment and a crosslinking catalyst which will complete the Sioplas System when extruded with PEX-b compounds such as TA 1108 HD. TA 2412 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 2412 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: White, opaque pellets.

Applications: TA 2412 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 2412 CL is supplied in 25 kg moisture resistant bags or 500 kg cardboard gaylords.

Storage: TA 2412 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 using aluminum adhesive tape. Unopened packages should not be stored longer than four years.

Standards: Pipe produced with TA 2412 CL satisfies the requirements of ANSI/NSF 61. TA 2412 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:	1.05 g/cm ³
Bulk Density:	0.55 g/cm ³
Volatiles:	< 0.15 %
MFR (190°C/2.16kg):	13.0 g/10 min

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