

TA 2343 HD

Black Catalyst Masterbatch

Product Description: TA 2343 HD catalyst masterbatch is used with Kafrit NA cross-linkable PEX-b compound TA 1108 HD to produce potable water tubing.

TA 2343 HD contains black pigment and a crosslinking catalyst which will complete the Sioplas System when extruded with PEX-b compounds such as TA 1108 HD. TA 2343 HD contains additives which protect the finished product from long term degradation caused by oxidation, and heat.

TA 2343 HD includes a high concentration of high purity carbon black, which results in UV protection when TA 2343 HD is added to the compound at 10%. This is expected to provide UV protection for weathering exposure of the equivalent of 6 months in Florida.

Appearance: Black, opaque pellets.

Applications: TA 2343 HD is a catalyst masterbatch used in the Sioplas process to produce PEX-b tubing for potable water systems.

Addition levels: This catalyst masterbatch is normally added at 10.0% to 90.0% graft polymer. This ratio ensures optimum processing conditions and application performance of the PEX material.

Packaging: TA 2343 HD is supplied in 25 kg moisture resistant bags or 600 kg cardboard gaylords.

Storage: TA 2343 HD 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 2343 HD satisfies the requirements of ANSI/NSF 61. TA 2343 HD is considered non-toxic when used to produce pipe and tubing for potable water applications at the recommended 10.0% dosing rate.

Physical Properties:

Density:	1.10 g/cm ³
Bulk Density:	0.60 g/cm ³
Volatiles:	< 0.15 %
MFR (190°C/2.16kg):	2.5 g/10 min

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