



Petoskey Plastics Product Data Sheet

Title: CHIM Product Data Sheet

Purpose: Defines the specifications and requirements for Standard CHIM Sheeting both black and clear, all gauges and sizes.

Location: Hartford City or Petoskey

Issue Date: 10/22/14 Rev. 00 – 3 pages

Issued By: M. Tramontini – Research and Design Engineer

Applicability:

This specification details the dimensional, physical, and performance requirements and tolerances for the manufacture of CHIM Sheeting. This specification is applicable to products made at either the Petoskey or Hartford City facility.

This specification was developed internally by Petoskey Plastics personnel. External specification referenced: ASTM D4397.

Approvals:

Petoskey Plastics



PPI Director of Quality, R&D



Product Specifications: Physical Properties

<u>Characteristic</u>	<u>Test Method</u>	<u>Units</u>	<u>Target</u>	<u>Tolerance</u>
Avg. Gauge	Weight Analysis	g/10"	Per WO	+/- 10%
Density	Internal	g/cc	0.91-0.93	N/A
Impact	D1709	50%g	40 g	min
Tensile TD MD	D882	Avg. psi	1200 1700	min min
Elongation TD MD	D882	Avg. %	350 250	min min
Tear TD MD	D1922	g g	200 100	min min
COF In Out	D1894	n/a	0.20-0.50 0.20-0.50	N/A N/A
Reflectance (white sheeting only)	E1347-11	% reflectance	70	min
Luminous Trans (black sheeting only)	D2103-10/D1003-11	% luminous transmittance	1	max

NOTE: Reference ASTM D4397 Standard Specification for Polyethylene Sheeting for Construction, Industrial, and Agricultural Applications.

CONTAINMENT:

Product not meeting any portion of this specification is to be contained per Control of Nonconforming Product procedures, MS-04. Corrective/Preventive actions to be implemented per procedures MS-02.



Dimensional Requirements and Tolerances:

<u>Characteristic</u>	<u>Units</u>	<u>Target</u>	<u>Tolerance</u>
Gauge	mil	Per W/O	+/- 10%
Length	inches	As detailed on part number specific drawing and W/O	+/- 10 feet
Layflat	inches	As detailed on part number specific drawing and W/O	+/- 2 inch
All other	inches	As detailed on part number specific drawing and W/O	+/- 3 inch

Packaging Requirements:

<u>Characteristic</u>	<u>Requirement</u>
Core type	Cardboard unless specified otherwise on workorder.
Core Length	Per W/O
Label	Label per work order. Label applied to packaging only.

General Characteristics:

1. Product shall be free from dirt, foreign matter.
2. Knots, wrinkles, foldovers must not effect performance of the product or finished roll appearance.
3. Recommended shelf life of product is 2 years from date of manufacture if not exposed to sunlight or extreme heat.
4. Rated Class 4 LDPE for recycling purposes.
5. Temporary deviations from this specification must be approved by Dir. of QA, Product Line Manager and the customer (if applicable).
6. Any customer specific requirements on the drawing or workorder may supercede this specification.

Revision History:

<u>Date:</u> 10/22/14	<u>Author:</u> M.Tramontini	<u>Level:</u> 00
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