

TRANSCENDIA® HIGH DENSITY POLYETHYLENE

DESCRIPTION:

TRANSCENDIA'S® High Density Polyethylene is an extruded polyolefin available in natural, white, and colors in gauges from .010 to .075. High Density Polyethylene works well for outdoor applications even when exposed to a wide range of temperatures.

CHARACTERISTICS:

- Nontoxic, good chemical resistance to solvents, acids, and alkalis.
- Resistant to cracking and tearing
- Can be scored, riveted, welded and glued.
- Good hinge characteristics for folders and notebooks

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	PROPERTY VALUE	TEST METHOD
Thickness	Gauge	0.010-0.015 on rolls & 0.010-0.075 in sheets	n/a
Density	n/a	36" & 54"	ASTM-1505
Tensile Strength	n/a	4500	ASTM-D638
VICAT Softening Point-F°	n/a	262°	ASTM-D746
Brittleness – cold crack – C°	n/a	-76°	ASTM-D1822
Tensile Impact Strength-ft.lb/in	n/a	115	ASTM-D1822
Flex Modulus-psi	n/a	170,000	ASTM-D790
Finish	n/a	Matte or crush	n/a
Corona Treat	n/a	Both sides	n/a
Roll Specifications			
I.D.	n/a	24" minimum; 36" maximum	n/a
O.D	n/a		n/a

****NOTE:** ASTM test for natural resin. Results may vary slightly with colorant or other additives.

All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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