

TRANSPROP™ MOPPDC

DESCRIPTION:

TransProp MOPPDC is a non-heat sealable monoaxially oriented polypropylene film that is dielectric certified and suitable for wire and cable applications.

All MOPP films are available in clear, black, white or any other custom color or tint. Standard film is non-treated but high energy treatment is available upon request.

(Also available in 120, 400, 800, and 1000ga)

CHARACTERISTICS:

- Low MD elongation
- High MD tensile strength
- Straight-line tear propagation, MD
- High tear resistance TD
- High moisture barrier
- Excellent folding endurance
- Slow burn rate

FDA STATUS:

FDA approved grades available upon request

TECHNICAL DATA:

PROPERTIES	UNIT OF MEASURE	TYPICAL VALUE				TEST METHOD
Thickness	Gauge	150	200	300	500	-
Yield	in ² /lb.	20,400	15,300	10,200	6,120	-
Tensile Strength MD	psi	39,000	39,000	39,000	39,000	ASTM D882
Tensile Strength TD	psi	3,500	3,500	3,500	3,500	ASTM D882
Elongation at Break MD	%	60	60	60	60	ASTM D882
Elongation at Break TD	%	800	800	800	800	ASTM D882
Haze	%	N/A	N/A	N/A	N/A	ASTM D1003
Heat Shrinkage MD	%	2.0	2.0	2.0	2.0	10 min at 212°F
Heat Shrinkage TD	%	0.5	0.5	0.5	0.5	10 min at 212°F
Surface Tension	Dyne	38	38	38	38	ASTM D2578
Cold-crack temperature	°F	-55 ⁰	-55 ⁰	-55 ⁰	-55 ⁰	-
Heat-set temperature	°F	280 ⁰	280 ⁰	280 ⁰	280 ⁰	-
Melt temperature	°F	333 ⁰	333 ⁰	333 ⁰	333 ⁰	-

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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CORPORATE HEADQUARTERS 9201 W. Belmont Avenue | Franklin Park, IL 60131

USA 800.618.5060 | 847.678.1800 main | 847.233.0199 fax

CAN 800.268.4108 | 416.292.6000 main | 416.292.7399 fax

TRANSCENDIA.COM

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