

DURAMET[®] CPP

METALLIZED CAST POLYPROPYLENE FILM

Developmental Data Sheet

Metallized and Top-coated One Side, Heat Sealable Other Side

High barrier metallized and top-coated cast polypropylene. A highly reflective, low-slip surface in a differentiated copolymer polypropylene. Provides good machineability and side weld seals. Intended for use as a combined barrier and sealant layer for functional source reduction.
Available 1.2 mil – 2.0 mil

Properties	Typical Value		Units	Test Method
Yield	36,40		m ² /kg	
Thickness	1,20 30		mil µm	
Tensile Strength	MD TD	47,0 20,0	N/mm ²	ASTM D882
Minimum Heat Seal Strength	5,12		N/25mm	ASTM F 88-85 0.5 sec, 60 psi, 230° F
Ultimate Seal Strength	25,0		N/25mm	ASTM F 88-85 0.5 sec, 60 psi, 252° F
Elongation	MD TD	400 500	%	ASTM D882
Optical Density	2.0		Tobias	CMP OD-1
Light Transmission	< 1.0		%	
Coefficient of Friction	Kinetic	0,18	-	ASTM D1894
WVTR	0,31		g/m ² /24 hr.	ASTM E-398 (100° F, 90% RH)
OTR	8,0		cc/m ² /24 hr.	ASTM D-3985 (73.4° F, 50% RH)
Metal Adhesion	3,0		N/25mm	CMP MA-1

The CPP side complies with the regulation FDA 21 CFR 177.1520 (3.1).

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