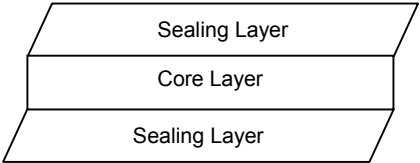


Technical Specifications

CPP110

CAST POLYPROPYLENE

CONSTRUCTION	
	<p>CPP 110 is a polypropylene cast film modified with moderate antistatic property, designed to demonstrate high performance on packaging lines.</p>

FEATURES AND APPLICATIONS
<p>Excellent mechanical and optical properties. Good resistance to wear, tear and perforation, easily sealable, excellent flatness. These properties make CPP a preferred product for lamination to other flexible films for high-speed packaging application. All food grade films are produced from FDA approved resins.</p>

SPECIFICATIONS			
Gauge	Yield (in ² /lb)	3" core, 13" Ø (Linear ft)	6" core, 21" Ø (Linear ft)
80	38,700	12,800	32,000
100	30,900	10,600	26,500
120	25,700	8,800	22,000
140	22,100	7,600	19,000
160	19,000	6,700	16,800
200	15,000	5,300	13,300
Approx weight per 1" width		4.11 lbs	10.29 lbs

PROPERTIES								
Parameters	Unit	CPP110 Film						Test Method
Thickness	micron	20	25	30	35	40	50	ASTM E 252
	gauge	80	100	120	140	160	200	
Specific Gravity	g/cm ³	0.91						ASTM D 1505
Yield	m ² /kg	54.8	44.2	36.7	31.5	27.6	22.0	ASTM D 4321
	in ² /lbs	38,700	30,900	25,700	22,100	19,000	15,000	
Gloss	%	80 ± 5						ASTM D 2457
Haze	%	<4.0			<5.0			ASTM D 1003
Coefficient of Friction (COF)	B/B*	< 0.30						ASTM D 1894
	B/M**	<0.25						
Tensile Strength	kg/mm ²	MD	50 ± 10		35 ± 10			ASTM D 882
		TD	25 ± 5		20 ± 5			
Elongation at Break	%	MD	500 ± 100					ASTM D 882
		TD	500 ± 100					
Heat Seal Range	°C	125 – 140						
	°F	256 - 284						
Surface Tension	dynes/cm	>38						ASTM D 2578

The above information is the result of laboratory tests, which are applied on samples from standard production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty. Users are advised to conduct their own testing of our products to determine suitability for use alone or in combination with other products.

CERTIFICATIONS
Films comply with the requirements of FDA regulations CFR, Title 21 177.1520 (a)(1), (b) and (c)1.1 Olefin polymers, covering the safe use of polypropylene in articles intended for food contact. All films are produced in ISO 9001 certified facilities and have been approved by the American Baking Institute (AIB).

PRODUCT SAFETY
For more information about our product, please read our Material Safety Data Sheet (MSDS).