

# INFINITE BLACK

## PERGRAPHICA®



PERGRAPHICA® Infinite Black is a calandered tinted design paper with high strength, double-fold index, elasticity and printability. We specially recommend it for carrier bags and shoppers. The grade is free of carbon black.

**Certifications : ISEGA, FOGRA.**



Technical Data:		PERGRAPHICA® Infinite Black			
Basis weight	g/m <sup>2</sup>	ISO 536	<b>90</b>	± 3.0	
Caliper	µm	ISO 534	<b>108</b>	± 4	
Tensile Strength	MD kN/m	ISO 1924-2	<b>5.7</b>		
Tensile Strength	CD kN/m	ISO 1924-2	<b>3.3</b>		
Tear	MD mN	ISO 1974	<b>700</b>		
Tear	CD mN	ISO 1974	<b>720</b>		
Burst	kPa		<b>210</b>		
Moisture abs.	%	ISO 287	<b>7.0</b>	± 1.0	

Production process certified according to ISO 9001, ISO 45001 and OHSAS 18001.  
Product compliant with Reg. (EC) 1935/2004 when purchased in folio format or reels.  
Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA

This specification is valid for one year after issue or good till cancelled.

Technical Data:		PERGRAPHICA® Infinite Black			
Basis weight	g/m <sup>2</sup>	ISO 536	<b>120</b>	± 5.0	
Caliper	µm	ISO 534	<b>145</b>	± 5	
Tensile Strength	MD kN/m	ISO 1924-2	<b>7.6</b>		
Tensile Strength	CD kN/m	ISO 1924-2	<b>4.2</b>		
Tear	MD mN	ISO 1974	<b>900</b>		
Tear	CD mN	ISO 1974	<b>1000</b>		
Burst	kPa		<b>270</b>		
Moisture abs.	%	ISO 287	<b>7.0</b>	± 1.0	

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Technical Data:		PERGRAPHICA® Infinite Black		
<b>Basis weight</b>	g/m <sup>2</sup>	ISO 536	<b>160</b>	± 6.0
<b>Caliper</b>	µm	ISO 534	<b>194</b>	± 5
<b>Tensile Strength</b>	MD	kN/m	ISO 1924-2	<b>9.0</b>
<b>Tensile Strength</b>	CD	kN/m	ISO 1924-2	<b>5.4</b>
<b>Tear</b>	MD	mN	ISO 1974	<b>1850</b>
<b>Tear</b>	CD	mN	ISO 1974	<b>1500</b>
<b>Burst</b>		kPa		<b>285</b>
<b>Moisture abs.</b>	%	ISO 287	<b>7.0</b>	± 1.0

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Technical Data:		PERGRAPHICA® Infinite Black		
<b>Basis weight</b>	g/m <sup>2</sup>	ISO 536	<b>200</b>	± 7.0
<b>Caliper</b>	µm	ISO 534	<b>232</b>	± 10
<b>Tensile Strength</b>	MD	kN/m	ISO 1924-2	<b>10.2</b>
<b>Tensile Strength</b>	CD	kN/m	ISO 1924-2	<b>6.1</b>
<b>Tear</b>	MD	mN	ISO 1974	<b>2220</b>
<b>Tear</b>	CD	mN	ISO 1974	<b>2150</b>
<b>Burst</b>		kPa		<b>330</b>
<b>Moisture abs.</b>	%	ISO 287	<b>7.0</b>	± 1.0

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Technical Data:		PERGRAPHICA® Infinite Black		
<b>Basis weight</b>	g/m <sup>2</sup>	ISO 536	<b>250</b>	± 7.0
<b>Caliper</b>	µm	ISO 534	<b>290</b>	± 10
<b>Tensile Strength</b>	MD	kN/m	ISO 1924-2	<b>11.6</b>
<b>Tensile Strength</b>	CD	kN/m	ISO 1924-2	<b>7.1</b>
<b>Tear</b>	MD	mN	ISO 1974	<b>2650</b>
<b>Tear</b>	CD	mN	ISO 1974	<b>2850</b>
<b>Burst</b>		kPa		<b>400</b>
<b>Moisture abs.</b>	%	ISO 287	<b>7.0</b>	± 1.0

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Technical Data:		PERGRAPHICA® Infinite Black		
<b>Basis weight</b>	g/m <sup>2</sup>	ISO 536	<b>300</b>	± 10.0
<b>Caliper</b>	µm	ISO 534	<b>348</b>	± 10
<b>Tensile Strength</b>	MD	kN/m	ISO 1924-2	<b>12.9</b>
<b>Tensile Strength</b>	CD	kN/m	ISO 1924-2	<b>7.6</b>
<b>Tear</b>	MD	mN	ISO 1974	<b>3400</b>
<b>Tear</b>	CD	mN	ISO 1974	<b>3700</b>
<b>Burst</b>		kPa		<b>500</b>
<b>Moisture abs.</b>	%	ISO 287	<b>7.0</b>	± 1.0

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Technical Data:		PERGRAPHICA® Infinite Black		
<b>Basis weight</b>	g/m <sup>2</sup>	ISO 536	<b>350</b>	± 10.0
<b>Caliper</b>	µm	ISO 534	<b>406</b>	± 13
<b>Tensile Strength</b>	MD	kN/m	ISO 1924-2	<b>14.2</b>
<b>Tensile Strength</b>	CD	kN/m	ISO 1924-2	<b>8.2</b>
<b>Tear</b>	MD	mN	ISO 1974	<b>4150</b>
<b>Tear</b>	CD	mN	ISO 1974	<b>4550</b>
<b>Burst</b>		kPa		<b>600</b>
<b>Moisture abs.</b>	%	ISO 287	<b>7.0</b>	± 1.0

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\* i valori espressi sono soggetti alle tolleranze stabilite dal produttore.