

Pier One PC/ABS C1200 BK

Polycarbonate + ABS

Pier One Polymers, Inc.

Message:

Pier One PC/ABS C1200 BK is a Polycarbonate + ABS (PC+ABS) material. It is available in North America for injection molding.

General Information			
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12 to 1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/3.8 kg)	5.0 to 10	g/10 min	ASTM D1238
Ash Content	0.0	%	ASTM D4218
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (23°C)	48.3 to 68.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	> 30	%	ASTM D638
Flexural Modulus ² (23°C)	1860 to 2550	MPa	ASTM D790
Flexural Strength ³ (23°C)	62.1 to 96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	430 to 640	J/m	ASTM D256
NOTE			
1.	Goal 8500 psi		
2.	Goal 325000 psi		
3.	Goal 12000 psi		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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