

Pier One PC PC12R-BK05

Polycarbonate

Pier One Polymers, Inc.

Message:

Pier One PC PC12R-BK05 is a Polycarbonate (PC) material. It is available in North America for injection molding.

Important attributes of Pier One PC PC12R-BK05 are:

Good Mold Release

Mold Release Agent

General Information			
Additive	Mold Release		
Features	Good Mold Release		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, Injection Molded)	62.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C, Injection Molded)	120	%	ASTM D638
Flexural Modulus (23°C, Injection Molded)	2200	MPa	ASTM D790
Flexural Strength (23°C, Injection Molded)	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	750	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, Injection Molded)	135	°C	ASTM D648

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Recommended distributors for this material

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