

INSTRUC PCABS

Polycarbonate + ABS

Infinity LTL Engineered Compounds

Message:

INSTRUC PCABS is a Polycarbonate + ABS (PC+ABS) product. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	56.5	MPa	ASTM D638
Tensile Elongation (Yield)	5.0 to 7.0	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	630	J/m	ASTM D256
Unnotched Izod Impact	> 2200	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	> 1.0E+17	ohms·cm	ASTM D257
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	3.0 to 4.0	hr	
Suggested Max Moisture	0.020	%	
Processing (Melt) Temp	246 to 266	°C	
Mold Temperature	51.7 to 82.2	°C	
Back Pressure	0.345 to 0.689	MPa	
Screw Speed	40 to 70	rpm	
Vent Depth	0.025 to 0.051	mm	

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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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