

OmniCarb™ PC/ABS 270

Polycarbonate + ABS

OMNI Plastics, LLC

Message:

OmniCarb™ PC/ABS 270 is a Polycarbonate + ABS (PC+ABS) product. It can be processed by injection molding and is available in North America.

General Information			
Features	General Purpose		
Uses	General Purpose		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	48.0	MPa	ASTM D638
Tensile Elongation (Break)	120	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength (Break)	72.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	530	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	104	°C	
Drying Time	3.0 to 4.0	hr	
Suggested Max Moisture	0.040	%	
Rear Temperature	249 to 282	°C	
Middle Temperature	249 to 293	°C	
Front Temperature	249 to 293	°C	
Nozzle Temperature	249 to 293	°C	
Processing (Melt) Temp	249 to 282	°C	
Mold Temperature	26.7 to 104	°C	
Back Pressure	0.345 to 0.689	MPa	

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Recommended distributors for this material

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