

OmniPro™ CPP 10M FR2

Polypropylene Copolymer

OMNI Plastics, LLC

Message:

Flame Resistant, Copolymer Polypropylene

General Information			
Features	Flame Retardant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.978	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	24.8	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Flexural Strength	33.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	85.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (3.00 mm)	V-2		Internal Method
Injection	Nominal Value	Unit	
Rear Temperature	193 to 238	°C	
Middle Temperature	193 to 238	°C	
Front Temperature	193 to 238	°C	
Nozzle Temperature	193 to 238	°C	
Processing (Melt) Temp	193 to 238	°C	
Mold Temperature	26.7 to 60.0	°C	
Back Pressure	0.345 to 0.689	MPa	

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Recommended distributors for this material

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