MARPOL® COPP 8.4.0

Polypropylene Impact Copolymer

Marco Polo International, Inc.

Message:

MARPOL® COPP 8.4.0 is a high impact, high stiffness medium melt flow copolymer. This resin is designed for injection molding applications that require faster molding cycles.

General Information			
Features	Fast Molding Cycle		
	High Impact Resistance		
	High Stiffness		
	Impact Copolymer		
	Medium Flow		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant			
-- [1]	1370	MPa	ASTM D790A
-- [2]	1590	MPa	ASTM D790B
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	260	J/m	ASTM D256
Gardner Impact (-29°C)	23.4	J	ASTM D5420
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	111	°C	ASTM D648
NOTE			
1.	1.3 mm/min		
2.	13 mm/min		

Recommended distributors for this material

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