



# MARPOL® COPP 17.NB

Marco Polo International, LLC - Polypropylene Impact Copolymer

Thursday, December 14, 2023

## General Information

### Product Description

This resin is a high impact copolymer with a medium melt flow rate and excellent processing properties.

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Impact Resistance • Good Processability	• Impact Copolymer • Medium Flow	
Uses	• Automotive Applications	• Consumer Applications	• Household Goods

## ASTM & ISO Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.5	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus - 1% Secant			
--	1230	MPa	ASTM D790A
--	1400	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	95.0	°C	ASTM D648

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.