



MARPOL® COPP 0.5.NB

Marco Polo International, LLC - Polypropylene Impact Copolymer

Wednesday, September 27, 2023

General Information

Product Description

This is a fractional melt flow impact copolymer

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Impact Copolymer		
Processing Method	• Extrusion		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.902	g/cm ³	ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.4	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant	1210	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	80.0	°C	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.