



MARPOL® COPP 35.NB

Marco Polo International, LLC - Polypropylene Impact Copolymer

Friday, September 8, 2023

General Information

Product Description

MARPOL® CoPP 35 NB is high melt flow no-break impact polypropylene copolymer resin. It is ideal for injection molding applications that require a good balance of impact stiffness, resistance and processability.

General

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

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.3	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant	965	MPa	ASTM D790A
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	92.0	°C	ASTM D648

Notes

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