

# MARPOL® Homo 1.8

Polypropylene Homopolymer

Marco Polo International, Inc.

## Message:

Additives: None

Recommended Applications: Stationery film, housewares and raffia/tapes/strapping. Also good for clear and opaque containers.

MARPOL® Homo 1.8 is a low-flow polypropylene homopolymer resin available in pellet form. This resin is used in general injection molding, extrusion applications and is most frequently sold into raffia markets.

General Information	
Features	Additive Free
	Homopolymer
	Low Flow
Uses	Containers
	Film
	Household Goods
	Stationary Supplies
	Strapping
	Tape
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.2	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1530	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	52	J/m	ASTM D256

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