

# MARPOL® HDM 504-R

High Density Polyethylene

Marco Polo International, Inc.

## Message:

Description: MARPOL® 504-R is a post-consumer HDPE resin

Processing: Injection molding

General Information			
Filler / Reinforcement	Polypropylene, 15% filler by weight		
Recycled Content	Yes		
Features	High density		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.7	MPa	ASTM D638
Flexural Modulus	896	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Additional Information	Nominal Value	Unit	
Weight Loss on Heating - Moisture <sup>1</sup> (105°C)	0.010	%	
NOTE			
1.	KW-MA-1		

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## Recommended distributors for this material

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