

MARPOL® Homo 20.0

Polypropylene Homopolymer

Marco Polo International, Inc.

Message:

Additives: None
Recommended Applications: Housewares, consumer products, and rigid packaging.
Homo 20.0 is a general purpose homopolymer for injection molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520

General Information			
Features	Additive Free		
	Food Contact Acceptable		
	Homopolymer		
Uses	Consumer Applications		
	Household Goods		
	Rigid Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.9	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	9.0	%	
Break	> 200	%	
Flexural Modulus	1450	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	103	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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