

MARPOL® RCopo 1.8.CL

Polypropylene Random Copolymer

Marco Polo International, Inc.

Message:

MARPOL® RCopo 1.8.CL provides excellent clarity and impact strength and is designed with superior top load strength for hot fill applications. Processing: Designed for in-line, narrow web forming and solid pressure forming equipment with typical melt temperatures of 390-450°F.

General Information			
Additive	Clarifier		
Features	Good Impact Resistance		
	High Clarity		
	Random Copolymer		
Uses	Containers		
	Food Containers		
	Lids		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1240	MPa	ASTM D638
Tensile Strength	30.3	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	965	MPa	ASTM D790
Films	Nominal Value	Unit	Test Method
Oxygen Permeability (23°C)	3720	cm ³ /m ² /24 hr	ASTM D1434
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	96.1	°C	ASTM D648
Melting Temperature	147	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze (1020 µm)	11	%	ASTM D1003

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

