

# Formolene® 1104KR

Polypropylene Homopolymer  
Formosa Plastics Corporation, U.S.A.

Message:

Formolene® 1104KR is a homopolymer polypropylene designed for raffia application. Its unique formulation provides excellent low water carryover. Formolene® 1104KR meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact. This material is free of animal-derived content.

General Information			
Features	Homopolymer		
	Compliance of Food Exposure		
	Low water portability		
	No kinetic components		
Agency Ratings	EC 1907/2006 (REACH)		
	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.3	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, Injection Molded)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield, Injection Molded)	34.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, Injection Molded)	10	%	ASTM D638
Flexural Modulus - 1% Secant <sup>3</sup> (Injection Molded)	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	53	J/m	ASTM D256A
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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Recommended distributors for this material

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