

Formolene 1102KR

Homopolymer for Raffia

Formolene 1102KR is a polypropylene homopolymer designed for raffia application. Its unique formulation provides excellent low water carryover. Formolene 1102KR meets all 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.

Typical Properties of this Commercial Grade

Melt Flow Rate, I ₂ @ 230 °C, g/10 min	ASTM D1238	4.0
Density, g/cm ³	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	4,800
Elongation at Yield (50 mm/min), %	ASTM D638	9
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	180,000
Rockwell Hardness, R Scale	ASTM D785	105
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	0.8

Note: Specimens were injection molded according to the conditions specified in ASTM D4101. Published 3/99, Reviewed 01/07

*** The reported values are typical and do not constitute a warranty but a guide for the diverse application possibilities.