

# RAMOLENE

# IN112

"General Purpose Injection Molding and Extrusion Homopolymer"

"Recommended for the injection molding of housewares, utility boxes, and containers, as well as, general purpose extrusion"

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<u>Resin Properties(1)</u>	<u>Typical Value</u>	<u>ASTM Method</u>
Melt Flow, g/10 min.	12	D-1238 Condition "L"
Density, g/cc	0.905	D-1505
Melting Point : °F	330	DSC(2)
°C	165	
<u>Mechanical Properties(1)</u>		
Tensile, psi	4,400	D-638
M Pa	30	
Elongation, %	12	D-638
Tensile Modulus, psi	200,000	D-638
M Pa	1,380	
Flexural Modulus, psi	200,000	D-638
M Pa	1,380	
Izod Impact @ 73°F		D-256A
Notched - ft.lb./in.	0.4	
J/m	21.4	
Unnotched - ft. lb./in.	18.0	
J/m	955	
Hardness		
Rockwell R	103	D-288A
<u>Thermal Properties(1)</u>		
Heat Deflection		D-648
°F @ 66 psi	250	
°C @ 4.64 kg/cm <sup>2</sup>	121	

(1) Data developed under laboratory conditions and are not to be used as specification, maxima or minima

(2) MP determined with DSC-2 Differential Scanning Calorimeter.

- Engineered for good processability in thin wall multi-cavity molds.
- Good contact/see-through clarity, and is easily printed with silk screen or hot stamping techniques.
- Complies with all applicable FDA regulations and may be used under those provisions for food contact applications.
- Processes on conventional injection molding equipment with typical melt temperatures of 390-450°F(200-232°C).

## RAMTECH OVERSEAS, INC.

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