

RAMOLENE

IN20Z

"Homopolymer - High Flow Reactor - Injection Molding. High flow characteristics that result in ease of filling the wall parts. Nucleated to provide fast cycle time and improved contact clarity in thin wall, multi-cavity molds.

"Recommended for caps, closures and thin wall containers.

Complies with all applicable FDA regulations for food contact applications.

Processes on conventional injection molding equipment with typical melt temperature of 380-450 F.

P	Resin Properties *	Nominal Value	ASTM Method
O	Melt Flow, g/10 min.	20.0	D-1238 Condition "L"
L	Density, g/cc	0.905	D-1505
Y	Melting Point : F	330	DSC
P	C	165	
R	Mechanical Properties *		
O	Tensile , psi (M Pa)	5,500 (37.9)	D-638
P	Elongation %	13	D-638
R	Tensile Modulus, psi (M Pa)	260,000 (1790)	D-638
O	Flexural Stiffness, psi (M Pa)	220,000 (1520)	D-790
P	Izod Impact, @ 73 F		D-256A
Y	Notched - ft - lb/in. (J/m)	.5 (26.7)	
L	Unnotched - ft- lb/in. (J/m)	20 (1,065)	
E	Hardness		
N	Rockwell R	107	D-785A
E	Thermal Properties		
	Heat Deflection		D-648
	F at 66 psi	260	
	C at 4.64 kg/cm2	127	

** Data developed under laboratory conditions and are not to be used as specification, maxim, or minima*

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All tests were run under laboratory conditions, ASTM (where applicable) testing procedures. The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. The use of Ramtech's products must be guided by the user's own methods for selection of proper formulation. RAMTECH OVERSEAS, INC. disclaims any responsibility for misuse or misapplication of its products. Ramtech makes no warranty of merchantability and there is no warranty that goods supplied shall be fit for any particular purpose.