Halene P M212S

Polypropylene Random Copolymer

Haldia Petrochemicals Ltd.

Message:

M212S is a Polypropylene Random Copolymer; produced by latest generation Spheripol II Technology. This grade is suitable for manufacture of high clarity Injection Molded & Injection Stretch Blow Molded (ISBM) products.
M212S combines excellent processability with high Flow, low Cycle Time, excellent Clarity, Gloss and Stiffness - Impact balance.
M212S is suitable for Food Contact and Medical applications.

General Information	
Features	Fast Molding Cycle
	Food Contact Acceptable
	Good Impact Resistance
	Good Processability
	Good Stiffness
	High Clarity
	High Flow
	High Gloss
	Random Copolymer
Uses	Bottles
	Containers
	Household Goods
	Labware
	Medical/Healthcare Applications
Processing Method	Injection Molding
	Injection Stretch Blow Molding

Physical	Nominal Value	Unit	Test Method
Density [1]	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield, Injection Molded)	28.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	14	%	ASTM D638
Flexural Modulus (Injection Molded)	1050	MPa	ASTM D790A
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, Injection Molded)	70	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**

Deflection Temperature Under Load (0.45 MPa, Unannealed)	75.0	°C	ASTM D648
Vicat Softening Temperature	128	°C	ASTM D1525 [2]

Injection	Nominal Value	Unit
Rear Temperature	160 to 250	°C
Middle Temperature	160 to 250	°C
Front Temperature	160 to 250	°C
Mold Temperature	30.0 to 60.0	°C

NOTE	
1.	23°C
2.	Loading 1 (10 N)

Recommended distributors for this material

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