

TECHNICAL DATA SHEET

M212S

M212S is a Clarified **Polypropylene Random Copolymer** produced by **Spheripol Technology**.

M212S combines excellent Clarity, Gloss, High Flow, Low Cycle Time and Stiffness – Impact balance.

M212S is recommended for high clarity Injection Molded & Injection Stretch Blow Molded (ISBM) Containers, Household items, Injection Syringes

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 ^o C)	ASTM D 1238	g/10 min	12
Density at 23°C	ASTM D 1505	g/cm ³	0.90
Tensile Strength at Yield	ASTM D 638	MPa	28
Tensile Elongation at Yield		%	12
Flexural Modulus	ASTM D 790A	MPa	1050
Notched Izod Impact Strength (23°C)	ASTM D 256A	J/m	50
Vicat Softening Point (10N)	ASTM D 1525	°C	128
Heat Deflection Temperature (0.455 MPa)	ASTM D 648	°C	75

Suggested Processing Temperature

Barrel Temperature	°C	160 – 250
Mold Temperature	°C	30 – 60

* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

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