

TECHNICAL DATA SHEET

M340

M340 is a **Heterophasic Polypropylene Impact Copolymer** produced by the **Spheripol Technology**

M340 combines excellent processability with high Flow, low Cycle Time, excellent Impact – Stiffness balance, Low Warpage and good Gloss

M340 is recommended for Injection Molded Appliance & White Goods Components, Automotive Components, Thin Walled Injection Molding (TWIM), Compounds

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 ^o C)	ASTM D1238	g/10 min	40
Density at 23 °C	ASTM D1505	g/cm ³	0.90
Tensile Strength at Yield	ASTM D638	MPa	24
Tensile Elongation at Yield		%	5
Flexural Modulus	ASTM D790	MPa	1200
Izod Impact Strength (Notch, 23 °C)	ASTM D256	J/m	60
Vicat Softening Point (10N)	ASTM D1525	^o C	140
Heat Deflection Temperature (0.46 N/m ²)	ASTM D648	^o C	88

Suggested Processing Temperature

Barrel Temperature	^o C	160 - 250
Mold Temperature	^o C	30 – 40

* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

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