

TECHNICAL DATA SHEET

M365

M365 is a **Heterophasic Polypropylene Impact Copolymer** produced by the **Spheripol Technology**

M365 combines excellent processability with high Flow, low Cycle Time, low Warpage, good Gloss and is adequately nucleated for good Impact - Stiffness balance

M365 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 ⁰ C)	ASTM D1238	g/10 min	65
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	°C	135
Heat Deflection Temperature (0.46 N/m ²)	ASTM D648	°C	90

Suggested Processing Temperature

Barrel Temperature	°C	160 - 250
Mold Temperature	°C	30 – 40

* Halene P is the registered trademark of Polypropylene of HPL

Mechanical properties tested on Injection Molded Test Specimens

The information & data presented herein are typical values and should not be construed as specification. No warranty or guarantee expressed or implied is made regarding performance. The information & data are subject to change without prior intimation based on research & development work undertaken by the company.

Compliance Certificates & MSDS are available on request.
Visit us at www.haldia Petrochemicals.com