HALDIA PETROCHEMICALS LTD

Halene – P

PROVISIONALTECHNICAL DATA SHEET	M325	Polypropylene Impact Copolymer

Characteristics

M325 is a **Heterophasic Polypropylene Impact Copolymer (PPiCP)**, produced by the latest generation **Spheripol Technology**. This PPiCP is primarily suitable for **Injection Molding & Compounding** process. It is recommended for use in injection molding processes where high flow and medium impact strength are required. It is an ideal material for rigid packaging, automotive components, house wares and appliances parts.
M325 combines excellent **processability with high Flow, low Cycle Time, good Stiffness–Impact balance and good Gloss.**

Application

- **Compounding & Automotive Components**
- **House wares**
- **Appliance Parts**

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230^0 C)	ASTM D 1238	g/10 min	25
Density at 23°C	ASTM D 1505	g/cm^3	0.90
Tensile Strength at Yield	ASTM D 638 * (Type I - with Extensometer)	MPa	25
Tensile Elongation at Yield		%	7
Flexural Modulus	ASTM D 790	MPa	1150
Izod Impact Strength (Notch, 23°C)	ASTM D 256	J/m	60
Heat Deflection Temperature (0.46 N/m^2)	ASTM D 648	^{0}C	84

Typical Processing Temperature		
Barrel Temperature	^{0}C	180 - 210
Mold Temperature	^{0}C	30 – 40

** Mechanical properties tested on Injection Molded Test Specimens (Type I)*

The above typical properties are not to be construed as Specifications and may change without any prior notice. The User will solely be responsible for any intended process / product usage and HPL does not guarantee or undertake any responsibility for any consequential damage or loss based on the information given above.