

PP

## MATERIAL TECHNICAL DATA SHEET

### Description

A low flow impact copolymer with a conventional molecular weight distribution and is formulated with a general-purpose additive package.

### Application

Designed for extrusion and blow-moulding applications requiring good melt strength and good impact strength at low part weight. End use products typically include blow-moulded articles, extruded sheet, corrugated board and extruded profiles.

### Safety

Material Safety Data Sheets are available.

### Physical Properties (Typical)

<i>Property</i>	<i>Test Method</i>	<i>Value</i>	<i>Units</i>
Melt Index	ASTM D1238 @190°C, 2.16kg	1.2	g/10min
Density	ASTM D792	0.90	g/cm <sup>3</sup>
Yield Tensile Strength	ASTM D638	25	MPa
Flexural Modulus	ASTM D790	1150	MPa
Izod Impact Strength @ -20°C	ASTM D256 Method A	4.0	kJ/m <sup>2</sup>
Izod Impact Strength @ 0°C	ASTM D256 Method A	6.5	kJ/m <sup>2</sup>
Izod Impact Strength @ 23°C	ASTM D256 Method A	15.0	kJ/m <sup>2</sup>
Heat deflection temperature B (0.45 MPa) Unannealed		77	°C
Heat deflection temperature A (1.80 MPa) Unannealed		50	°C
Shore hardness		68	Shore D
Vicat Softening Temperature	Method A	150	°C

*Typical properties not to be construed as specifications. Batch Certificates are available upon request.*