

## Total PPC 2660 Polypropylene, Heterophasic Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

ATOFINA Polypropylene PPC 2660 is a heterophasic copolymer. PPC 2660 is characterized by a low fluidity hence good melt strength to provide ease of processing and good manufactured article properties. Application PPC 2660 is suitable for the extrusion of corrugated cardboard, blown film, sheet and pipes and for blow-molding applications where a very high impact resistance is required. Information provided provided by Total Petrochemicals. Total Petrochemicals acquired former Fina and Atofina plastics product lines.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Total-PPC-2660-Polypropylene-Heterophasic-Copolymer.php](http://www.lookpolymers.com/polymer_Total-PPC-2660-Polypropylene-Heterophasic-Copolymer.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.525 g/cc	0.0190 lb/in <sup>3</sup>	ISO 1183
Density	0.905 g/cc	0.0327 lb/in <sup>3</sup>	ISO 1183
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 °C	0.80 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	74	74	ISO 2039-2
Tensile Strength, Yield	24.0 MPa	3480 psi	ISO 527-2
Elongation at Yield	13 %	13 %	ISO 527-2
Tensile Modulus	1.20 GPa	174 ksi	ISO 527-2
Flexural Modulus	1.10 GPa	160 ksi	ISO 527-2
Izod Impact, Notched (ISO)	50.0 kJ/m <sup>2</sup>	23.8 ft-lb/in <sup>2</sup>	ISO 179
	6.00 kJ/m <sup>2</sup> @Temperature -20.0 °C	2.86 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179
Charpy Impact, Notched	>= 5.00 J/cm <sup>2</sup>	>= 23.8 ft-lb/in <sup>2</sup>	
	0.600 J/cm <sup>2</sup> @Temperature -20.0 °C	2.86 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ISO 3146
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	120°C per hour; ISO 75-2

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	48.0 °C	118 °F	120 °C per hour; ISO 75-2
Vicat Softening Point	60.0 °C	140 °F	50N-50°C per hour; ISO 306
	130 °C	266 °F	10N-50°C per hour; ISO 306

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China