



**TotalEnergies**

Refining & Chemicals  
Polymers

**Description**

Polypropylene PPC 2660 is heterophasic copolymer with a Melt Flow Index of 0.8 g/10 min. Polypropylene PPC 2660 is characterized by a low fluidity hence good melt strength to provide ease of processing and good manufactured article properties. Polypropylene PPC 2660 is suitable particularly for the extrusion of corrugated cardboard, blown film, sheet and pipes and for blow-moulding applications where a very high impact resistance is required.

**Characteristics**

	Method	Unit	Typical Value
<b>Rheological properties</b>			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	0.8
<b>Mechanical properties</b>			
Tensile Strength at Yield	ISO 527-2	MPa	24
Elongation at Yield	ISO 527-2	%	13
Tensile modulus	ISO 527-2	MPa	1200
Flexural modulus	ISO 178	MPa	1100
Izod Impact Strength (notched)	ISO 180	kJ/m <sup>2</sup>	
at 23°C			>50
at -20°C			6
Charpy Impact Strength (notched)	ISO 179	kJ/m <sup>2</sup>	
at 23°C			>50
at -20°C			6
Hardness Rockwell - R-scale	ISO 2039-2		74
<b>Thermal properties</b>			
Melting Point	ISO 3146	°C	165
Vicat Softening Point	ISO 306	°C	
50N-50°C per hour			70
10N-50°C per hour			148
Heat Deflection Temperature	ISO 752	°C	
1.80 MPa - 120°C per hour			50
0.45 MPa - 120°C per hour			88
<b>Other physical properties</b>			
Density	ISO 1183	g/cm <sup>3</sup>	0.905
Bulk Density	ISO 1183	g/cm <sup>3</sup>	0.525

**Handling and storage**

Please refer to the safety data sheet (SDS) for handling and storage information. It is advisable to convert the product within one year after delivery provided storage conditions are used as given in the SDS of our product. SDS may be obtained from the website: [www.polymers.totalenergies.com](http://www.polymers.totalenergies.com).

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