



**TotalEnergies**

Refining & Chemicals  
Polymers

## Polypropylene PPC 13812

Technical data sheet  
Polypropylene – Heterophasic Copolymer  
Produced in Europe

### Description

Polypropylene PPC 13812 is a high fluidity heterophasic copolymer resin with fast nucleation.

Polypropylene PPC 13812 is characterized by good stiffness and impact resistance as well as low shrinkage and low warpage. It has been formulated for excellent antistatic properties.

Polypropylene PPC 13812 has been developed for high speed injection moulding of thin walled packaging containers and household articles.

### Characteristics

	Method	Unit	Typical Value
<b>Rheological properties</b>			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	100
<b>Mechanical properties</b>			
Flexural modulus	ISO 178	MPa	1250
Izod Impact Strength (notched)	ISO 180	kJ/m <sup>2</sup>	
at 23°C			7;5
at -20°C			3.5
Hardness Rockwell – R scale	ISO 2039-2		82
<b>Thermal properties</b>			
Melting Point	ISO 3146	°C	165
<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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