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# Polypropylene PPC 7612

Technical data sheet  
Polypropylene – Heterophasic Copolymer  
Produced in Europe

## Description

Polypropylene PPC 7612 is a nucleated and controlled-rheology heterophasic copolymer with a very high Melt Flow Index of 12g/10 min.

Polypropylene PPC 7612 is characterized by a good balance between rigidity and impact resistance and has excellent antistatic properties.

Polypropylene PPC 7612 has been developed specifically for the injection moulding of crates.

## Characteristics

	Method	Unit	Typical Value
<b>Rheological properties</b>			
Melt Flow Index 230°C/2.16 kg	ISO 1133	g/10 min	12
<b>Mechanical properties</b>			
Tensile Strength at Yield	ISO 527-2	MPa	27
Elongation at Yield	ISO 527-2	%	6
Tensile modulus	ISO 527-2	MPa	1300
Flexural modulus	ISO 178	MPa	1250
Izod Impact Strength (notched)	ISO 180	kJ/m <sup>2</sup>	
at 23°C			13
at -20°C			6
Hardness Rockwell - R-scale	ISO 2039-2		85
<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			140
Heat Deflection Temperature	ISO 752	°C	
1.80 MPa - 120°C per hour			53
0.45 MPa - 120°C per hour			95
<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

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