

## Technical Data Sheet

### Moplen QCP300U Ivory

Polypropylene, Impact Copolymer



#### Product Description

Moplen QCP300U Ivory is a circular polypropylene copolymer supplied in pellet form for injection moulding applications. The grade combines very high flow, stiffness and impact. The grade is available in ivory color.

#### Sustainability

Moplen QCP300U Ivory contains at least 95% of post-consumer material from pre-sorted municipal plastic packaging waste. Filtration level is 150 µm. Volatiles according to ASTM D6980 @ 120 °C are < 0.2%.

This product is not intended for highly regulated applications including food contact, potable water contact, medical and pharmaceutical applications.

Status	Commercial: Active
Availability	Europe
Application	Containers; Crates; Furniture; Pails; TWIM Non-food Containers
Market	Consumer Products; Rigid Packaging
Processing Method	Injection Molding
Attribute	General Purpose; Good Processability; High Flow; Impact Copolymer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	70	g/10 min	ISO 1133-1
Density	0.915	g/cm <sup>3</sup>	ISO 1183-1
Bulk Density	0.620	g/cm <sup>3</sup>	ISO 60
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	1150	MPa	ISO 178
Injection molded specimens prepared in accordance with ISO 1872-2.			
Tensile Modulus, (23 °C)	1250	MPa	ISO 527-1, -2
Injection molded specimens prepared in accordance with ISO 1872-2.			
Tensile Strength, (23 °C)	26	MPa	ISO 527-1, -2
Injection molded specimens prepared in accordance with ISO 1872-2.			
Tensile Strain at Break, (23 °C)	10	%	ISO 527-1, -2
Injection molded specimens prepared in accordance with ISO 1872-2.			
<b>Impact</b>			
Charpy Impact Strength - Notched, (23 °C, Type 1, Edgewise, Notch A)	5.0	kJ/m <sup>2</sup>	ISO 179-1/1eA
Injection molded specimens prepared in accordance with ISO 1872-2.			
<b>Additional Information</b>			
Ash	< 2	wt %	ISO 3451-1
600 °C			