

## Technical Data Sheet

### ROCAPLEN rPP-115

#### Description

Post-consumer recycled polypropylene, for injection moulding.  
Available in grey colour.

Properties	Value	Unit	Test method
<b>Physical</b>			
Density	0.91 - 0.93	g/cm <sup>3</sup>	ASTM D-792
Melt Flow Index (230°C, 2.16 kg)	8 - 10	g/10 min	ASTM D-1238
<b>Mechanical</b>			
Tensile Modulus	≥ 1680	MPa	ASTM D-638
Tensile Stress	≥ 25	MPa	ASTM D-638
Tensile Strain	≥ 3	%	ASTM D-638
Flexural Modulus	≥ 1500	MPa	ASTM D-790
Flexural Strength	≥ 40	MPa	ASTM D-790
<b>Impact</b>			
Notched Izod Impact Strength (23°C)	≥ 5	kJ/m <sup>2</sup>	ASTM D-256
<b>Thermal</b>			
Heat Deflection Temperature	≥ 85	°C	ASTM D-648

We recommend to dry the material before processing.

Drying temperature: (80 ± 2)°C

Drying time: approximately 2 hours

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