

Technical Data Sheet

ROCAPLEN rPP-BE5-7

Description

PP recycled compound granules developed for injection moulding of automotive components. Available in black.

Properties	Value	Unit	Test method
Physical			
Density	0.90 - 0.93	g/cm ³	ASTM D-792
Melt Flow Index (230°C, 2.16 kg)	8 - 15	g/10 min	ASTM D-1238
Mechanical			
Tensile Modulus	≥ 1200	MPa	ASTM D-638
Tensile Stress	≥ 25	MPa	ASTM D-638
Tensile Strain	≥ 10	%	ASTM D-638
Flexural Modulus	≥ 1050	MPa	ASTM D-790
Flexural Strength	≥ 30	MPa	ASTM D-790
Impact			
Notched Izod Impact Strength (23°C)	≥ 8	kJ/m ²	ASTM D-256
Thermal			
Heat Deflection Temperature	≥ 50	°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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