

PRODUCT OVERVIEW

A mineral-filled polypropylene compound containing physically incorporated post-consumer recycled PP for durable non-safety moulded parts.

Base / family	Recycled-Content Compounds	Primary process	Injection moulding
Supply form	Pellets	Standard colour	Black / custom colour

TYPICAL PROPERTIES

Property / condition	Test method	Typical value	Unit
Physically incorporated PCR content	ISO 14021 supporting records	≥ 50	wt.%
Inorganic residue	ISO 3451-1	20	wt.%
Melt flow rate, 230°C/2.16 kg	ISO 1133-1	5	g/10 min
Density, 23°C	ISO 1183-1	1.08	g/cm ³
Tensile stress at yield, 23°C	ISO 527-2	≥ 25	MPa
Flexural modulus, 23°C	ISO 178	≥ 2,000	MPa
Notched Charpy impact, 23°C	ISO 179-1/1eA	≥ 3	kJ/m ²

Unless otherwise stated, standard specimen preparation and conditioning apply. Typical values are representative and are not minimum specification limits.

APPLICATIONS - Automotive non-safety trim - Appliance/industrial housings - Pallets, crates and durable goods	KEY BENEFITS - Minimum 50% PCR content - Controlled mineral loading - Lot-to-lot quality control
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PROCESSING GUIDELINES

Injection moulding. Recommended melt temperature: 200-240°C; mould temperature: 30-60°C. Use controlled regrind addition and consistent colour management.

Technical note: Recycled-content documentation is provided for the applicable grade and supply chain.

PACKAGING AND STORAGE 25 kg moisture-resistant bags on pallets. Store dry, below 40°C, away from sunlight and direct heat. Recommended shelf life: 12 months in unopened packaging.	REGULATORY DOCUMENTATION Current safety and grade-specific regulatory documentation is available through Technical Service for the intended application and market.
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The information in this document is provided for material selection and processing guidance. Suitability for a specific design, process and end use should be confirmed by the user under actual service conditions.