

PRODUCT OVERVIEW

A higher-stiffness PP compound for dimensionally stable moulded parts requiring a cost/performance balance.

Base / family	Mineral-Filled Polypropylene Compounds	Primary process	Injection moulding
Supply form	Pellets	Standard colour	Natural / custom colour

TYPICAL PROPERTIES

Property / condition	Test method	Typical value	Unit
Talc content	ISO 3451-1	30	wt.%
Melt flow rate, 230°C/2.16 kg	ISO 1133-1	10	g/10 min
Density, 23°C	ISO 1183-1	1.15	g/cm ³
Tensile strength, 23°C	ISO 527-2	33	MPa
Flexural modulus, 23°C	ISO 178	2,950	MPa
Notched Izod impact, 23°C	ASTM D256	28	J/m
HDT, 0.455 MPa, unannealed	ASTM D648	130	°C
Mould shrinkage, flow/transverse	ISO 294-4	0.7 / 0.9	%

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

APPLICATIONS - Appliance structural parts - Electrical housings - Automotive carriers and covers	KEY BENEFITS - Higher rigidity - Dimensional stability - Reduced mould shrinkage
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PROCESSING GUIDELINES

Injection moulding. Recommended melt temperature: 220-250°C; mould temperature: 30-60°C. Gate, rib and wall design should reflect the lower shrinkage of mineral-filled PP.

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.