

PRODUCT OVERVIEW

An impact-modified, mineral-filled PP/TPO compound for automotive interior trim with a balanced stiffness, impact and surface-performance profile.

Base / family	Automotive TPO Compounds	Primary process	Injection moulding
Supply form	Pellets	Standard colour	Natural / matched colour

TYPICAL PROPERTIES

Property / condition	Test method	Typical value	Unit
Mineral content	ISO 3451-1	20	wt.%
Melt flow rate, 230°C/2.16 kg	ISO 1133-1	18	g/10 min
Density, 23°C	ISO 1183-1	1.04	g/cm ³
Tensile stress at yield, 23°C	ISO 527-2	20	MPa
Flexural modulus, 23°C	ISO 178	1,900	MPa
Notched Charpy impact, 23°C	ISO 179-1/1eA	25	kJ/m ²
Notched Charpy impact, -30°C	ISO 179-1/1eA	4	kJ/m ²
HDT, 0.45 MPa, unannealed	ISO 75-2	100	°C

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

APPLICATIONS • Door trim • Pillar trim • Console and interior covers	KEY BENEFITS • Balanced stiffness and impact • Dimensional stability • Colour and surface options
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PROCESSING GUIDELINES

Injection moulding. Recommended melt temperature: 200-240°C; mould temperature: 30-60°C. Colour, grain, scratch, odour, fogging and VOC performance are selected to the applicable customer specification.

Technical note: Automotive emission, odour, fogging, scratch, colour and OEM requirements are grade-, colour- and part-specific.

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.