

RAVAPURA® PP 5040

Polypropylene compound with 50% post-consumer recycled content

OVERVIEW

Description	PP compound based on post-consumer recycled (PCR) material
Applications	Injection molding
Filler type & content	Unfilled
% of total recycled content on compound	50% PCR
Certification	Declaration available upon request
Visual	Grey

GENERAL PROPERTIES

	Nominal Value (SI)	Unit	Test Method
MFI (230°C / 2.16 kg)	40	g/10 min	ISO 1133
Density	0,906	g/cm ³	ISO 1183

MECHANICAL PROPERTIES

	Nominal Value (SI)	Unit	Test Method
Izod notched impact strength (23°C)	7	kJ/m ²	ISO 180
Tensile strength at yield (23°C)	22	MPa	ISO 527
Tensile strength at break (23°C)	20	MPa	ISO 527
Elongation at break (23°C)	17	%	ISO 527
Tensile Modulus (23°C)	1150	MPa	ISO 527
Flexural Modulus (23°C)	1200	MPa	ISO 178
Flexural strength at yield	35	MPa	ISO 178

THERMAL PROPERTIES

	Nominal Value (SI)	Unit	Test Method
Vicat softening point (B50/50N)	70	°C	ISO 306

Note: Preliminary datasheet

Properties not to be construed as specifications