

RAVAPURA® PP 4512 T20 HI UV

Polypropylene compound with 45% post-consumer recycled content

OVERVIEW

Description	PP compound based on post-consumer recycled (PCR) material, high impact and UV stabilized
Applications	Injection molding
Filler type & content	23% talcum
% of recycled content on plastic content	60% PCR
% of total recycled content on compound	45% PCR
Certifications	Declaration available upon request
Appearance	Available in dark colors and black

GENERAL PROPERTIES

	Nominal Value (SI)	Unit	Test Method
MFI (230°C / 2.16 kg)	12	g/10 min	ISO 1133
Ash content (600°C)	23	%	ISO 3451
Density	1.08	g/cm ³	ISO 1183

MECHANICAL PROPERTIES

	Nominal Value (SI)	Unit	Test Method
Izod notched impact strength (23°C)	20	kJ/m ²	ISO 180/A
Tensile strength at yield (23°C)	20	MPa	ISO 527
Elongation at break (23°C)	16	%	ISO 527
Tensile Modulus (23°C)	1690	MPa	ISO 527
Flexural Modulus (23°C)	1940	MPa	ISO 178

THERMAL PROPERTIES

	Nominal Value (SI)	Unit	Test Method
Vicat softening point (B50 – 50N)	53	°C	ISO 306

Note: Properties not to be construed as specifications