

Ravaplen[®] 51 T 45-9

Polypropylene
Near Prime Compound

Description:

PP near prime compound, 10% talc filled, scratch resistance for automotive applications, black

General

MFI (230°/2,16kg)	ISO 1133	13	g/10min
Density	ISO 1183	0,96	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	53	°C
HDT/B (0,46MPa)	ISO 75B	94	°C
Vicat softening point (B50 (50N))	ISO 306	57	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	30	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	30	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	20	MPa
Elongation at yield (23 °C)	ISO 527	7	%
Elongation at break (23 °C)	ISO 527	150	%
Tensile modulus (23 °C)	ISO 527	1350	MPa
Flexural modulus (23 °C)	ISO 178	1400	MPa

Various

Ash content (600 °C)	ISO 3451	10	%
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