

Ravamid® R210

Polyamide 66
Prime Compound

Description:

Polyamide 66 compound unfilled grade for injection moulding applications, available in customer colors also Heat Stabilized (H) and UV Stabilized (UV)

General

Density	ISO 1183	1.14	g/cm ³
Water absorption (23°C;50%RH)	ASTM D570	1.3	%
Linear mould shrinkage	ASTM D955	1.5	%

Thermal

HDT/A (1,82MPa)	ISO 75A	90	°C
Vicat softening point (B50 (50N))	ISO 306	240	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	5	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	6	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	80	kJ/m ²
Tensile stress at yield	ISO 527	80	MPa
Tensile stress at break	ISO 527	75	MPa
Elongation at break	ISO 527	25	%
Flex modulus	ISO 178	2900	MPa

Flammability

Glow wire flammability index (2,0 mm)	IEC 60695-2-12	850	°C
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Various

Surface resistivity	IEC 60093	10E14	Ohm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	18	kV/mm
CTI	IEC 60112	600	V

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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