

Ravamid® R200F T50

Polyamide 6
Prime Compound

Description:

Polyamide 6, impact modified prime quality compound available in custom colors, also available heat stabilized (H) and UV stabilized (UV), improved processability

General

Density	ISO 1183	1.11	g/cm ³
Water absorption (24 hrs saturation)	ISO 62	1.5	%
Linear mould shrinkage	ASTM D955	1.0-1.4	%
MFI (250°C/2,16kg)	ISO 1133	45	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	75	°C
Vicat softening point (B50 (50N))	ISO 306	200	°C
Melting point	ISO 3146	225	°C
Ball pressure test (75°C)	IEC 335	Pass	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180/A	9	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180/A	5	kJ/m ²
Tensile stress at yield	ISO 527	45	MPa
Tensile stress at break	ISO 527	45	MPa
Elongation at break	ISO 527	80	%
Flex modulus	ISO 178	1800	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Flammability (0,75mm)	UL94	HB	
Glow wire ignitability temperature (1,2mm)	IEC 60695-2-13	35	°C
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

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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