



Technical Data Sheet

RAVAMID R200 GF15 F

Polyamide 6, 15% glass fiber filled improved flowability

PROPERTIES	NORM		UNIT	VALUE
GENERAL	ISO	ASTM		
Density	1183	D792	g/cm ³	1.22
Linear mould shrinkage	/	D955	%	0.5-1.0
Melt Flow Index 250°C/2.16Kg	1133	D1238	g/10 min	25
Water absorption (24h 23°C)	62	D570	%	1.1
TERMICHE/ THERMAL				
VICAT B50	306	D1525	°C	200
HDT/A (annealed)	75	D648	°C	150
Ball pressure test 125°C	IEC 335		°C	Pass
Melting temperature	ISO 3416		°C	230
MECCANICHE/ MECHANICAL				
Tensile strength (yield)	527	D638	MPa	-
Tensile strength (break)	527	D638	MPa	80
Elongation at break	527	D638	%	5
Flexural modulus	178	D790	MPa	4100
Flexural strenght	178	D790	MPa	80
Izod Impact Reverse +23°C (notched)	180/2AR	D256	KJ/m ²	28
Izod Impact +23°C (notched)	180/1A	D256	KJ/m ²	5.5
Izod Impact -30°C (notched)	180/1A	D256	KJ/m ²	-
FLAMMABILITY				
Flammability 3,2 mm	UL94		-	HB
Flammability 1.6 mm	UL94		-	HB
Flammability 0.75 mm	UL94		-	-
Glow Wire Flammability Index 2,0 mm	IEC 60695-2-12		°C	650
Glow Wire Ignitability Temperature 1,2 mm	IEC 60695-2-13		°C	-
ELECTRICAL				
Dielectric rigidity (Oil 1mm)	IEC 60243-1		KV/mm	-
Surface resistivity	IEC 60093		Ohm	-
Volume resistivity	IEC 60093		Ohmxcmm	-
CTI Comparative Tracking Index	IEC 60112		V	-