

Preliminary Technical Data Sheet

RAVAMID® A GFB 20/10 NC

Polyamide 66 Black , 20% glass fiber, 10% glass beads filled grade, industrial quality compound, also available Heat Stabilized (H) and UV Stabilized (UV)

PROPERTIES	NORM		UNIT	VALUE
	ISO	ASTM		
<u>GENERAL</u>				
Density	1183	D792	g/cm3	1.36
Linear mould shrinkage	/	D955	%	0.40-0.70
Humidity	960	-	%	≤0.20
TERMICHE/ THERMAL			_	
VICAT B50	306	D1525	.C	215
HDT/A (annealed)	75	D648	℃	205
MECCANICHE/MECHANICAL				
MECCANICHE/ MECHANICAL Tapaila atrapath (viold)	527	D638	MPa	
Tensile strength (yield) Tensile strength (break)	527 527	D638	MPa	100
Elongation at break	527 527	D638	WIFA	4.5
Flexural modulus	178	D036 D790	MPa	5800
Tensile modulus	527	D/90 D638	MPa	5200
Charpy Impact + 23°C (notched)	179/1A	D030	KJ/m2	6
Charpy Impact + 23 °C (Interieu) Charpy Impact + 23 °C (unnotched)	179/1U	_	KJ/m2	45
Griarpy impact + 23 G (dimotched)	179/10	-	1\0/1112	43
FLAMMABILITY				
Burning Rate (FMVSS302)	3795	_	mm/min	<100
Flammability 3,2 mm	UL94		-	HB
Flammability 1.6 mm	UL94		_	НВ
Flammability 0.75 mm	UL94		_	-
Glow Wire Flammability Index 2,0 mm	IEC 60695-2-12		℃	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		Ohmxcm	-
CTI Comparative Tracking Index	IEC 60112		V	-

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