

Preliminary Technical Data Sheet

RAVAMID® R200 T80

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

PROPERTIES	NORM		UNIT	VALUE
	ISO	ASTM		
<u>GENERAL</u>				
Density	1183	D792	g/cm3	1.08
Linear mould shrinkage	/	D955	%	0.9-1.3
Water absorption (24h 23 ℃)	62	D570	%	2.5
TERMOLIE/THERMAL				
TERMICHE/ THERMAL	000	D4505	200	
VICAT B50	306	D1525	∞	-
HDT/A	75	D648	°C ℃	50
Ball pressure test 125 ℃	IEC 335 ISO 3416		%	220
Melting point	150 ,	3416	J.	220
MECCANICHE/ MECHANICAL				
Tensile strength (yield)	527	D638	MPa	45
Tensile strength (break)	527	D638	MPa	40
Elongation at break	527	D638	%	35
Flexural modulus	178	D790	MPa	1600
Flexural strenght	178	D790	MPa	-
Izod Impact +23 ℃ (notched)	180/1A	D256	KJ/m2	50
Izod Impact -30°C (notched)	180/1A	D256	KJ/m2	15
FLAMMABILITY				
Flammability 3,2 mm	UL94		-	HB
Flammability 1.6 mm	UL94		-	HB
Glow Wire Flammability Index 2,0 mm	IEC 60695-2-12		℃	650
Glow Wire Ignitability Temperature 1,2 mm	IEC 60695-2-13		℃	-
EL ECTRICAL				
ELECTRICAL Dialographic visibility (Cil 4 reserv	IEO 00040 4		1// 1/	00
Dielectric rigidity (Oil 1mm)	IEC 60243-1		KV/mm	30
Surface resistivity	IEC 60093 IEC 60093		Ohm	10E14
Volume resistivity	IEC 60093		Ohmxcm V	- 600
CTI Comparative Tracking Index	IEC 60112		V	600

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