

Nivionplast® B 273MRT NATURALE

Polyamide 6

SO.F.TER. SPA

Message:

Impact modified, medium viscosity polyamide 6

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
	Medium Viscosity		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	50.0	MPa	
Break	40.0	MPa	
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	1950	MPa	ASTM D790
Flexural Strength	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	700	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	135	°C	
1.8 MPa, Unannealed	60.0	°C	
Peak Melting Temperature	220	°C	ASTM D3417
Flammability	Nominal Value		Test Method
Flame Rating (3.20 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Rear Temperature	240	°C	
Middle Temperature	260	°C	
Front Temperature	270	°C	
Mold Temperature	60.0 to 80.0	°C	

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Recommended distributors for this material

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