Polyflam 14N6002NONAT

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description	
Matrixx 14N6002N is a Medium Impact Flame Retardant Polypropylene Copolymer	
General	
Additive	• Flame Retardant
Features	• Flame Retardant
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.00		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	3500	psi	ASTM D638
Flexural Modulus - Tangent	160000	psi	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	2.1	ft·lb/in	ASTM D256
Gardner Impact	170	in·lb	ASTM D5420
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (66 psi, Unannealed)	175	°F	ASTM D648
Deflection Temperature Under Load			ASTM D648
264 psi, Unannealed	125	°F	
RTI Elec	230	°F	UL 746B
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating			UL 94
0.06 in	V-0		
0.12 in	V-0		

Processing Information

Injection	Nominal Value	Unit
Drying Temperature - Desiccant Dryer	180	°F
Drying Time	2.0 to 4.0	hr
Rear Temperature	360 to 390	°F
Middle Temperature	370 to 421	°F
Front Temperature	370 to 421	°F
Nozzle Temperature	370 to 441	°F
Processing (Melt) Temp	370 to 441	°F
Mold Temperature	81 to 140	°F
Injection Rate	Moderate	
Back Pressure	0.00 to 99.9	psi