

NILFLEX® 8

Polypropylene Copolymer

Taro Plast S.p.A.

Message:

Polypropylene copolymer medium flow high impact.

General Information			
Features	Copolymer		
	Impact resistance, high		
	Medium liquidity		
Processing Method		Injection molding	
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Molding Shrinkage			Internal method
Vertical flow direction	1.5	%	Internal method
Flow direction	1.5	%	Internal method
Granule Humidity ¹	0.050	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Break)	> 100	%	ISO 527-2/50
Flexural Modulus ²	900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	350	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	151	°C	ISO 306/A50
--	60.0	°C	ISO 306/B50
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (Solution A)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.20 mm)	HB		UL 94
Oxygen Index	21	%	ASTM D2863
Injection	Nominal Value	Unit	
Processing (Melt) Temp	190 - 220	°C	
Mold Temperature	40.0 - 60.0	°C	
Injection Rate	Moderate		

Injection instructions

Pre-heat Temperature: 70 to 80°CPre-heat Time: 1 hr

NOTE

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| 1. | TARO 002 |
| 2. | 1.0 mm/min |

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