

NILFLEX® 6

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)	6.0	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)	24.0	MPa	ISO 527-2/50
Tensile Strain (Break)	> 100	%	ISO 527-2/50
Flexural Modulus ²	750	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	500	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	45.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	151	°C	ISO 306/A50
--	55.0	°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

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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

