

Sindustris POM FW701N

Acetal (POM) Homopolymer

Sincerity Australia Pty Ltd.

Message:

Sindustris POM FW701N is an Acetal (POM) Homopolymer material. It is available in Asia Pacific for injection molding. Primary attribute of Sindustris POM FW701N: Wear Resistant.

Typical applications include:

Engineering/Industrial Parts

Printing Applications

General Information			
Features	Good Abrasion Resistance		
	Low Friction		
Uses	Gears		
	Printer Parts		
	Rollers		
	Wheels		
UL File Number	E306922		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	1.8 to 2.1	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	53.7	MPa	ASTM D638
Tensile Elongation ² (Break, 3.20 mm)	34	%	ASTM D638
Flexural Modulus ³ (3.20 mm)	1810	MPa	ASTM D790
Flexural Strength ⁴ (3.20 mm)	70.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 6.40 mm)	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.40 mm)	93.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 110	°C	
Drying Time	2.0 to 3.0	hr	
Suggested Max Moisture	0.10	%	
Rear Temperature	160 to 180	°C	
Middle Temperature	170 to 190	°C	

Front Temperature	180 to 200	°C
Nozzle Temperature	180 to 200	°C
Processing (Melt) Temp	200 to 220	°C
Mold Temperature	80.0 to 110	°C
Back Pressure	0.490 to 3.04	MPa
Screw Speed	50 to 100	rpm

NOTE

- | | |
|----|------------|
| 1. | 50 mm/min |
| 2. | 50 mm/min |
| 3. | 1.3 mm/min |
| 4. | 1.3 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



WECHAT