

# DynaMix™ XP-5529

Thermoplastic

Polymer Dynamix

Message:

High Temperature Polymer

Features:

Good Processing

Excellent Chemical Resistance

Low Temperature Properties

Applications:

Wire and Cable

Industrial

Automotive

General Information			
Features	Good Chemical Resistance		
	Good Impact Resistance		
	Good Processability		
Uses	Automotive Applications		
	Industrial Applications		
	Wire & Cable Applications		
Processing Method	Injection Molding		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	62.1	MPa	
Break	61.4	MPa	
Tensile Elongation			ASTM D638
Yield	9.0	%	
Break	15	%	
Flexural Modulus	2210	MPa	ASTM D790
Flexural Strength	77.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	350	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	76.7 to 82.2	°C	
Drying Time	2.0 to 4.0	hr	
Rear Temperature	277 to 293	°C	
Middle Temperature	288 to 304	°C	
Front Temperature	299 to 316	°C	
Nozzle Temperature	299 to 316	°C	
Processing (Melt) Temp	299 to 316	°C	

Mold Temperature	121 to 149	°C
Injection Pressure	68.9 to 138	MPa
Injection Rate	Moderate	
Back Pressure	0.345 to 0.689	MPa
Screw Speed	40 to 70	rpm
Clamp Tonnage	5.5 to 8.3	kN/cm <sup>2</sup>

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

