

Unipren® Elastomers A3 NTLA010 90A IM01S1 UP327

Thermoplastic

Petropol Industry and Trade of Polymers LTDA

Message:

Unipren® Elastomers A3 NTLA010 90A IM01S1 UP327 is a Thermoplastic material. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Unipren® Elastomers A3 NTLA010 90A IM01S1 UP327 are:

Chemical Resistant
Good Processability
Good UV Resistance
Wear Resistant

General Information			
Features	Good Abrasion Resistance		
	Good Chemical Resistance		
	Good Processability		
	Good UV Resistance		
	Ozone Resistant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm³	ASTM D792
Molding Shrinkage - Flow	2.0 to 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	87 to 93		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain	2.80	MPa	
300% Strain	5.00	MPa	
Tensile Strength ² (Break)	6.50	MPa	ASTM D412
Tensile Elongation ³ (Break)	450	%	ASTM D412
Tear Strength ⁴	40.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	180 to 200	°C	
Mold Temperature	25.0 to 50.0	°C	
NOTE			
1.	Die C		
2.	Die C		

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| 3. | Die C |
| 4. | Die B |

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Recommended distributors for this material

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