

Unipren® Elastomers A3 PRTA010 80A

EM06S1 UP336

Styrene Ethylene Butylene Styrene Block Copolymer

Petropol Industry and Trade of Polymers LTDA

Message:

Unipren® Elastomers A3 PRTA010 80A EM06S1 UP336 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) material. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Unipren® Elastomers A3 PRTA010 80A EM06S1 UP336 are:

Chemical Resistant

Good Processability

Good UV Resistance

Typical applications include:

Consumer Goods

Household Applications

Tools

General Information			
Features	Good Chemical Resistance		
	Good Processability		
	Good UV Resistance		
	Ozone Resistant		
	Soft		
Uses	Household Goods		
	Power/Other Tools		
	Toys		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D792
Molding Shrinkage - Flow	2.0 to 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77 to 83		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412
100% Strain	3.50	MPa	
300% Strain	5.00	MPa	
Tensile Strength ² (Break)	10.0	MPa	ASTM D412
Tensile Elongation ³ (Break)	500	%	ASTM D412
Tear Strength ⁴	50.0	kN/m	ASTM D624
Compression Set (70°C, 22 hr)	47	%	ASTM D395B
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

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| 2. | Die C |
| 3. | Die C |
| 4. | Die B |

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Recommended distributors for this material

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