

# Unipren® Elastomers B3 PRTA010 65A UP316

Polypropylene + EPDM Rubber

Petropol Industry and Trade of Polymers LTDA

## Message:

Unipren® Elastomers B3 PRTA010 65A UP316 is a Polypropylene + EPDM Rubber (PP+EPDM) material. It is available in Asia Pacific, Europe, Latin America, or North America for extrusion or injection molding.

Important attributes of Unipren® Elastomers B3 PRTA010 65A UP316 are:

Good Weather Resistance

Heat Resistant

Typical applications include:

High Temperature Applications

Outdoor Applications

General Information			
Features	Good Weather Resistance		
	High Heat Resistance		
	Vulcanizable		
Uses	High Temperature Applications		
	Outdoor Applications		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	2.0 to 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	64 to 70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup>			ASTM D412
100% Strain	2.30	MPa	
300% Strain	3.90	MPa	
Tensile Strength <sup>2</sup> (Break)	6.60	MPa	ASTM D412
Tensile Elongation <sup>3</sup> (Break)	450	%	ASTM D412
Tear Strength <sup>4</sup>	30.0	kN/m	ASTM D624
Compression Set (70°C, 22 hr)	36	%	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	
1.	Die C
2.	Die C
3.	Die C
4.	Die B

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### Recommended distributors for this material


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