

# New-prene™ 6190B

Polypropylene + EPDM Rubber

Total Polymer Vision (Suzhou) Co., LTD

## Message:

A black color UV resistant EPDM/PP thermoplastic vulcanizate. This material combines good physical properties and chemical resistance for use in extrusion applications. It is EU Directive 2002/95/EC (RoHS) compliant. It is polyolefin based and completely recyclable..

General Information			
Additive	UV Stabilizer		
Features	Good Chemical Resistance		
	Good UV Resistance		
	Recyclable Material		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Break)	13.0	MPa	ASTM D412
Tensile Elongation <sup>2</sup> (Break)	560	%	ASTM D412
Compression Set (70°C, 22 hr)	52	%	ASTM D395
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Cylinder Zone 1 Temp.	165	°C	
Cylinder Zone 2 Temp.	175 to 190	°C	
Cylinder Zone 3 Temp.	180 to 220	°C	
Melt Temperature	170 to 230	°C	
Die Temperature	180 to 220	°C	
NOTE			
1.	500 mm/min		
2.	500 mm/min		

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Recommended distributors for this material

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