

## AuroraFlex™ 19011

Aurora Material Solutions, LLC - *Compounded Polypropylene*

### General Information

#### Product Description

PP based, extrusion TPO, Zero Halogen compound.

Note: Additional custom color matching is available upon request.

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Halogen Free		
Uses	• Aerospace Applications • Agricultural Applications • Appliances • Automotive Applications • Capstock	• Consumer Applications • Electrical/Electronic Applications • Energy Storage • Film • Footwear	• Furniture • Medical/Healthcare Applications • Personal Care • Sheet
Appearance	• Colors Available		
Processing Method	• Extrusion		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.942 to 1.00		ASTM D792
Melt Mass-Flow Rate (MFR)	1.2	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent	250000	psi	ASTM D790B
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3800	psi	ASTM D412
Tensile Strength (Break)	3500	psi	ASTM D412
Tensile Elongation (Break)	300	%	ASTM D412
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	55 to 61		ASTM D2240

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

