

AuroraFlex™ 9060NE

Aurora Material Solutions, LLC - *Polyolefin*
General Information
Product Description

An extrusion grade TPO that features an outstanding balance of toughness, impact strength, and improved processability over standard TPO grades.

General

Material Status	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	<ul style="list-style-type: none"> North America
Features	<ul style="list-style-type: none"> Good Impact Resistance 	<ul style="list-style-type: none"> Good Processability 	<ul style="list-style-type: none"> Good Toughness
Uses	<ul style="list-style-type: none"> Aerospace Applications Agricultural Applications Appliances Automotive Applications Capstock 	<ul style="list-style-type: none"> Consumer Applications Electrical/Electronic Applications Energy Storage Film Footwear 	<ul style="list-style-type: none"> Furniture Medical/Healthcare Applications Personal Care Sheet
Processing Method	<ul style="list-style-type: none"> Extrusion 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.00		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	3.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent	280000	psi	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	3190	psi	ASTM D412
Tensile Elongation (Break)	100	%	ASTM D412
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	5.0	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	63		ASTM D2240

Notes

¹ Typical properties: these are not to be construed as specifications.

