

AuroraFlex™ EXC 1200375A

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*
General Information
Product Description

A 125°C TPE designed for wire and cable applications.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Uses	• Wire & Cable Applications
Appearance	• Colors Available
Processing Method	• 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)	< 1.0	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength	4900	psi	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -68.8	°F	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Constant ²	2.24		
Dissipation Factor ² (1 MHz)	1.0E-3		IEC 60250
Flammability	Nominal Value	Unit	Test Method
Oxygen Index ³	21	%	ASTM D2863

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

² Tested by Intertek

³ Value is intended for reference only
