

AuroraFlex™ EXC 12003SL 75A

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

A Thermoplastic Elastomer compound designed for medical wire applications. This 125°C flexible, extrusion grade material also exhibits scratch and abrasion resistance.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Abrasion Resistant • Good Scratch Resistance • Good Processability • Slip
Uses	• Electronic Cable Jacketing • 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)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	4900	psi	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	650	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	75		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -68.8	°F	ASTM D746
Flammability	Nominal Value	Unit	Test Method
Oxygen Index ²	21	%	ASTM D2863

Notes

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

² Value is intended for reference only

