

AuroraFlex™ EXC 5703-50D

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

General Information

Product Description

A Thermoplastic Elastomer compound designed for extrusion applications which require high strength and stitchability

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	• Good Stretchability • High Strength		
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 ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.950		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	2.1	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1150	psi	ASTM D412
Tensile Strength (Break)	3570	psi	ASTM D412
Tensile Elongation (Break)	770	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Instant)	45		ASTM D2240

Notes

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

