

AuroraFlex™ EXC-12024-80A

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

A SEBS based thermoplastic elastomer designed for extrusion applications.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
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
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.980		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	145	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	1500	psi	ASTM D412
Tensile Elongation (Break)	800	%	ASTM D412
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	75		ASTM D2240

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	330	°F
Cylinder Zone 2 Temp.	335	°F
Cylinder Zone 3 Temp.	340	°F
Cylinder Zone 4 Temp.	340	°F
Cylinder Zone 5 Temp.	345	°F
Adapter Temperature	350	°F
Die Temperature	355	°F

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