

AuroraFlex™ EL 8075ESD

Aurora Material Solutions, LLC - *Thermoplastic Elastomer*

General Information

Product Description

AuroraFlex EL 8075ESD is a general purpose thermoplastic elastomer for injection molding applications. AuroraFlex EL 8075ESD has good antistatic properties.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Antistatic • General Purpose
Uses	• General Purpose
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.932		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	16	g/10 min	ASTM D1238
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	587	psi	ASTM D412
Tensile Strength	920	psi	ASTM D412
Tensile Elongation (Break)	710	%	ASTM D412
Tear Strength ²	197	lbf/in	ASTM D624
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	78		ASTM D2240
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.2E+9	ohms	ASTM D257
Volume Resistivity	5.5E+9	ohms·cm	ASTM D257

Notes

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

² Die C

