

AuroraFlex™ G4265DE

Aurora Material Solutions, LLC - *Polyvinyl Chloride*
General Information
Product Description

A PVC based material designed for general purpose extrusion application with good melt strength, shape retention and bonding property

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Features	• Bondability • General Purpose • Good Melt Strength
Uses	• General Purpose
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32 to 1.38		ASTM D792
Melt Mass-Flow Rate (MFR) (185°C/21.6 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Compression Molded)	2490	psi	ASTM D638
Tensile Elongation (Break, Compression Molded)	250	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	62 to 68		ASTM D2240

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	626	°F
Cylinder Zone 2 Temp.	644	°F
Cylinder Zone 3 Temp.	662	°F
Cylinder Zone 4 Temp.	680	°F
Melt Temperature	635	°F
Die Temperature	680 to 689	°F

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