

**AuroraFlex™ 7015124D2**

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

A high melt flow, injection grade PVC based compound, designed to pass specification DC543(C) automotive OEM weathering requirements, integral colored, filled, roof ditch end cap and window encapsulation moldings.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Good Weather Resistance • High Melt Strength
Uses	• Encapsulant • Window & Door Components
Processing Method	• Injection Molding

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	< 1.30		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup>	870	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	150	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	> 85.7	lbf/in	ISO 34-1
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	65 to 75		ISO 868
Thermal	Nominal Value	Unit	Test Method
Cold Flexibility (-22°F, 2.0 in)	No Cracks		
Additional Information	Nominal Value	Unit	Test Method
Accelerated Weathering Duration - 2000 kJ/m2	< 3.00	DE	SAE J2527

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> Type IV
