

## AuroraGuard™ F2901

Aurora Material Solutions, LLC - Polypropylene

### General Information

#### Product Description

PP with Recycle Content

Polypropylene, UL94 V2 Rated

Formerly known as EnDure F2901

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Recycled Content	• Yes		
Uses	• Automotive Applications	• Lawn & Garden Equipment	• Material Handling
Appearance	• Black	• Colors Available	• Natural Color
Processing Method	• Injection Molding	• Profile Extrusion	

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.940		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4500	psi	ASTM D638
Flexural Modulus	225000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.80	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	205	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-2	
0.12 in		V-2	

### Processing Information

Injection	Nominal Value	Unit
Rear Temperature	350 to 400	°F
Middle Temperature	390 to 450	°F
Front Temperature	390 to 450	°F
Nozzle Temperature	390 to 450	°F
Processing (Melt) Temp	350 to 400	°F
Mold Temperature	100 to 150	°F

### Notes

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

