



## AAROGREEN™ ARPS100 Series

## TECHNICAL DATA SHEET

ARPS100-3-NOL High Impact Polystyrene Black

### REGULATORY

- FDA – No Objection Letter (NOL)

Typical Properties	Test Method	Units	Nominal Value
<b>Physical</b>			
Specific Gravity	ASTM D792	g/cm <sup>3</sup>	1.05
Mold Shrinkage	ASTM D955	in/in	0.006
<b>Mechanical</b>			
Flexural Modulus	ASTM D790	psi	260,000
Tensile Strength @ Yield	ASTM D638	psi	3,200
Izod Impact @ 73°F (Notched)	ASTM D256	ft-lb/in	2
<b>Thermal</b>			
Melt Flow Rate	ASTM D1238 (200°C/5 kg)	g/10 min	5

**DESCRIPTION:** A reprocessed high impact polystyrene resin compounded black featuring good flow characteristics for all injection molding and extrusion applications. Features 100% post-consumer recycled (PCR) content, with FDA compliance and a No Objection Letter (NOL) for food-contact articles.

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