



AAROGREEN™ ARPS100 Series

TECHNICAL DATA SHEET

ARPS100-2-NOL Medium Impact Polystyrene Black

REGULATORY

- FDA – No Objection Letter (NOL)
- 100% Recycled Content

Typical Properties	Test Method	Units	Nominal Value
Physical			
Specific Gravity	ASTM D792	g/cm ³	1.05
Mold Shrinkage	ASTM D955	in/in	0.006
Mechanical			
Flexural Modulus	ASTM D790	psi	240,000
Tensile Strength @ Yield	ASTM D638	psi	3,200
Izod Impact @ 73°F (Notched)	ASTM D256	ft-lb/in	1.5
Thermal			
Melt Flow Rate	ASTM D1238 (200°C/5 kg)	g/10 min	6

DESCRIPTION: A reprocessed medium impact polystyrene black resin featuring good flow characteristics for all injection molding and extrusion applications. Features 30% post-industrial recycled (PIR) content, and 70% post-consumer recycled (PCR) content with FDA compliance and a No Objection Letter (NOL) for food-contact articles.

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions concerning uses or applications are only the opinion of Aaron Ind. Corp. and users should perform their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting results, Aaron Ind. Corp. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MANUFACTURING AND FITNESS FOR PURPOSE.



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