



AAROGREEN™ ARPS100 Series

TECHNICAL DATA SHEET

ARPS100-1-NOL General Purpose Polystyrene Black

REGULATORY

- FDA - No Objection Letter (NOL)
- CONEG - Compliant
- RoHS - Compliant
- Proposition 65 - No Warning Required

Typical Properties	Test Method	Units	Typical 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	410,000
Tensile Strength @ Yield	ASTM D638	psi	6,400
Izod Impact @ 73°F (Notched)	ASTM D256	ft-lb/in	0.5
Thermal			
Melt Flow Rate	ASTM D1238 (200°C/5.0 kg)	g/10 min	6.0
Deflection Temperature	ASTM D648 (@ 264 psi)	°F	190

DESCRIPTION: A reprocessed general purpose polystyrene resin featuring good flow characteristics for all molding applications. Features 100% recycled content (70% PIR and 30% PCR) and confirmed FDA compliance with a No Objection Letter (NOL) for food-contact articles.

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