



AAROGREEN™ ARPE300 Series

TECHNICAL DATA SHEET

ARPE310-NOL-N Blend PE Post Consumer Resin - Natural
(FDA NOL)

Typical Properties	Test Method	Units	Typical Value
Physical			
Specific Gravity	ASTM D792	g/cm ³	0.945
Mold Shrinkage	ASTM D955	in/in	0.020
Mechanical			
Flexural Modulus	ASTM D790	psi	190,000
Tensile Strength @ Yield	ASTM D638	psi	3,800
Izod Impact @ 73°F (Notched)	ASTM D256	ft-lb/in	1.0
Thermal			
Melt Flow Rate	ASTM D1238 (190°C/2.16 kg)	g/10 min	6.0
Deflection Temperature	ASTM D648 (@ 66 psi)	°F	185

DESCRIPTION: A high density polyethylene resin blend from optically sorted 100% post-consumer recycled material featuring a combination of good flow characteristics and strength for all general purpose molding and extrusion applications.

- 100% PCR Content
- GreenCircle™ Certified
- FDA Letter #PNC2231

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 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.



- Suitable for Food Contact FDA Conditions of Use B through G
- Typical applications: Food Contact articles including disposable cutlery, trays, caps, closures, and lids.

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