

**ResAlt<sup>®</sup> 321025**

# High Density Polyethylene

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ResAlt<sup>®</sup> HD-321025 high density polyethylene resin mixed colored – Pelletized.

The base resin in this product has not been tested for approval for FDA Code of Federal Regulations of 21 CFR 177.1520.

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Typical Resin Properties	Typical Value	ASTM Method
Melt flow rate, gm/10min	0.2-0.4	D-1238
Tensile strength at yield, psi	4800-5000	D-638
Notched Izod impact strength at 73°F, ft-lb/in (J/M)	10-13	D-256A
Flexural Modulus, psi	110000-125000	D-790
Density, g/cm <sup>3</sup>	.95-.96	D-792
Ash Content	0-2%	5630B

(a) Values shown are averages not to be construed as product specifications. These values may shift as additional data are accumulated.  
 (b) ASTM methods are the latest under the Society's current procedures. All specimens are prepared by injection molding.