

Low Density Polyethylene

Low Density Polyethylene

ResAlt[®] LD-421028 low density polyethylene resin natural colored – Pelletized.

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

ResAlt[®] 421028: Low Density Polyethylene

Typical Resin Properties	Typical Value	ASTM Method
Melt flow rate, g/min	4-8	D1238
Tensile strength at yield, psi (MPa)	2000-2600	D638
Notched Izod impact strength at 73°F, ft-lb/in (J/M)	6-8	D256A
Flexural Modulus, psi (MPa)	90000-110000	D790
Density, g/cm ³	.92-.94	D792
Ash Content (Calcium based)	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.