

Homopolymer Polypropylene

POLYPROPYLENE

ResAlt® H-721021 polypropylene resin; natural (appears white due to CaCO₃) in color – Pelletized.

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

ResAlt® 721021: Homopolymer

Typical Resin Properties	Typical Value	ASTM Method
Melt flow rate, dg/min	4-9	D1238
Tensile strength at yield, psi (MPa)	5000-5300	D638
Notched Izod impact strength at 73°F, ft-lb/in (J/M)	0.5-0.8	D256A
Flexural Modulus, psi (MPa)	220000-240000	D790
Density, g/cm ³	0.91-0.93	D792
Ash Content (CaCO ₃ content)	4%	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.