

The “standard” LR7340-01 HDPE resin PurePak is used by most of our customers and PPQ Resin is used by our “highest-purity” customers and those packaging 70% Nitric Acid. This data is from actual ASTM testing just completed domestically and not just information from previous publishings. You will note the low ash value for PPQ Resin showing that it truly is a very pure resin. Ash is a catalyst residue of inorganic metals. Conversely, organic materials in the resin burn during ashing, convert to carbon then diffuse as carbon dioxide gas thereby contributing nothing to the ash residue weight.

Also noteworthy is that PPQ Resin exhibits good ESCR (Environmental Stress Crack Resistance) values.

Test	PPQ Resin	LR7340-01 HDPE
Density, g/cc	0.956	0.954
Melt Index, dg/min	0.25	0.33
HLMI, dg/min	24.9	32.95
HLMI/MI Ratio	99.6	99.8
Ash, ppm	44	404
ESCR in 10% Igepal, hours to F/50	72	24
ESCR in 100% Igepal, hours to F/50	148	36