



Antek Madison Plastics Corp
100 Finchdene Sq
Scarborough, Ontario M1X 1C1
Phone: (416) 321-1170

TECHNICAL DATA SHEET

AMPRO-LLDROTO

LINEAR LOW-DENSITY POLYETHYLENE
ROTATIONAL MOLDING GRADE

PRODUCT DESCRIPTION

AMPRO-LLDROTO is a linear low-density polyethylene resin selected for rotational-molding applications requiring good stiffness, impact strength, environmental stress-crack resistance and durability with added UV package.

The material is suitable for molding a wide range of hollow products and is also available as 35-mesh powder.

TYPICAL APPLICATIONS

- Drums
- Agricultural products
- Chemical-storage containers
- Playground equipment
- Jerry cans
- Trash containers
- Tanks and other hollow molded products
- General-purpose rotational-molding applications

COLOR AVAILABILITY

Available in **Natural**.

TYPICAL PROPERTIES

Property	ASTM Method	Typical Value	Units
Melt Flow Rate @ 190°C / 2.16 kg	ASTM D1238	3.5	g/10 min
Density	ASTM D792	0.935	g/cm ³
Tensile Strength at Yield (50 mm/min)	ASTM D638	2,900	psi
Flexural Modulus, 1% Secant (1.3 mm/min)	ASTM D790	119,000	psi
Low-Temperature Impact, 1/8 in specimen at -40°F	ARM	54	Ft-lb
Environmental Stress-Crack Resistance	ASTM D1693	>1,000	hours
Heat Deflection Temperature @ 66 psi	ASTM D648	136	°F

PROCESSING RECOMMENDATIONS

Parameter	Recommended Range
Oven Temperature	500-600°F
Mold Temperature at Demolding	50-100°F

PACKAGING

Available in gaylords. Store indoors in a clean, dry area away from direct sunlight, excessive heat, moisture and sources of contamination. Keep packaging closed until use.

DISCLAIMER

The values reported herein are typical test results and are intended for reference purposes only; they should not be used as specification limits. It is the user's responsibility to determine the suitability of this product for the intended application. No warranties, express or implied, including merchantability or fitness for a particular purpose, are made regarding the product or its use.