

MELT - 20

DENSITY - 0.924

LLI-2024 is a certified prime resin specially designed for injection molding applications requiring good low temperature resistance and low warpage. **LLI-2024** features easy processability over a wide range of molding conditions. Recommended processing temperature is 180 to 220°C, with mold at 20 to 40°C.

Features:

- Good processability
- Good surface finish
- Good toughness
- High gloss
- High impact resistance
- Low density
- Low temperature impact resistance
- Low warpage

Typical Applications:

- Housewares
- Closures
- Caps
- Medical parts
- Toys

PROPERTIES	ASTM	UNIT	VALUES
PHYSICAL			
Density	D1505	g/cm ³	0.924
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	20
Env. Stress Cracking Resistance (122°F, F50)	D1693	hr	19.0
MECHANICAL (Compression Molded)			
Tensile Strength (Yield) Comp. Mold	D638	psi	1800
Tensile Elongation (Break) Comp. Mold	D638	%	500
Flexural Modulus - 1% Secant Comp. Mold	D790	psi	65k
Notched Izod Impact	D256	ft-lb/in	34
Brittleness Temperature	D746	°F	-130
Vicat Softening Temperature	D1525	°F	253