

MELT - 25

DENSITY - 0.923

**LDI-2523** is a certified prime grade specially designed for higher flow injection molding/compounding applications requiring good balance of mechanical and low warpage properties. Recommended processing temperature is 170 to 220°C, with mold at 20 to 40 °C.

### Features:

- Easy processability over a wide range of molding conditions
- Good clarity
- Excellent flexibility
- High surface appearance of molded articles

### Typical Applications:

- Caps
- Closures
- Overcaps
- Medical parts
- General purpose molded articles

PROPERTIES	ASTM	UNIT	VALUES
<b>PHYSICAL</b>			
Density	D1505	g/cm <sup>3</sup>	0.923
Melt Flow Rate (190°C, 2.16kg)	D1238	g/10 min	25
<b>MECHANICAL</b>			
Tensile Strength (Yield)	D638	psi	1600
Tensile Elongation (Break)	D638	%	100
Flexural Modulus - 1% Secant	D790	psi	41k
Tensile Impact Strength	D1822	ft-lb/in <sup>2</sup>	45.2
Brittleness Temperature	D746	°F	5.0
Vicat Softening Temperature	D1525	°F	185