

LUCEL N109LD

Injection Molding, POM

Property	Unit	Test method	Value
Specific Gravity	-----	ASTM D792	1.41
Molding Shrinkage (Flow), 3.2mm	%	ASTM D955	1.8 ~ 2.1
Melt Flow Rate	g/10min	ASTM D1238	9
Tensile Strength, 3.2mm @ Yield	kg/cm ²	ASTM D638	620
Flexural Strength, 6.4mm	kg/cm ²	ASTM D790	910
Flexural Modulus, 6.4mm	kg/cm ²	ASTM D790	26,000
Rockwell Hardness	R-Scale	ASTM D785	82
IZOD Impact Strength, 6.4mm (Notched)	kg·cm/cm	ASTM D256	7.0
Heat Deflection Temperature, 6.4mm	°C	ASTM D648	110

Description: LUCEL N109LD by LG Chem is a polyacetal, polyoxymethylene (POM) grade, offering chemical resistance. Designed for injection molding method.

Application: LUCEL N109LD is recommended for manufacturing of copier, watch, clock, VCR and printer parts. Complies with UL 94 HB Flame Rating.