

Integra™ LDPE 2052 NA-1000

PolySource, LLC - Low Density Polyethylene

General Information**Product Description**

Low Density Polyethylene, Injection molding grade

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Low Density
Agency Ratings	• FDA 21 CFR 177.1520
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	1200	psi	ASTM D638
Tensile Elongation (Break)	250	%	ASTM D638
Flexural Modulus - Tangent	30000	psi	ASTM D790

Notes¹ Typical properties: these are not to be construed as specifications.