



Prime Engineering and Commodity Thermoplastic Resins

LL 24050 Linear Low Density Polyethylene

Description: LL 24050 is a copolymer designed for injection molding applications.

Applications: Compounding / Caps and closures / Thin wall lids

Features: Excellent processability
Outstanding flexibility and warpage resistance
High surface gloss
FDA regulation 21 CFR 177.1520

Physical Properties	Typical Values	Test Method(s)
Melt Flow Rate, g/10 min (190°C/2.16kg)	50.0	D-1238
Density	0.924	D-792
Tensile Strength @ Yield, psi	1,500	D-638
Elongation @ Yield, %	100	D-638
Flexural Modulus, psi	50,000	D-790
Hardness, Shore D	52	D-2240
Vicat Softening Point, F°	189	D-1525

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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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