

Petrothene

# GA616050

Linear Low Density Polyethylene  
Extrusion Coating Grade

Melt Index **6.5** Density **0.918**



## Applications

*Petrothene* GA616050 is a linear low density polyethylene resin selected by customers for dry blending with low density polyethylene coating resins to produce linear low extrusion coatings.

## Processing Techniques

Specific recommendations for processing GA616050 can only be made when the processing conditions, equipment and end use are known. The maximum recommended melt temperature for GA616050 blended with LDPE is 625°F.

## Typical Properties

Property	Nominal Value	Units	ASTM Test Method
Melt Index	6.5	g/10 min	D1238
Density	0.918	g/cc	D1505
Tensile Strength*	1,700	psi	D638
Elongation @ Break*	870	%	D638
Flexural Stiffness*	50,000	psi	D790
Vicat Softening Point	92	°C	D1525
Hardness, Shore D*	56		D2240

\*Type IV Specimen

These are typical values not to be construed as specification limits.

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