Technical Data Sheet

Petrothene GA616050

Linear Low Density Polyethylene

Product Description

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. GA615050 is formulated without TNPP.

Regulatory Status

For regulatory compliance information, see *Petrothene* GA616050 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Application	Bags & Pouches; Colour Concentrates; Food Packaging Film; Lamination Film; Sealants; Wire & Cable
Market	Compounding; Flexible Packaging; Wire & Cable
Processing Method	Compounding; Extrusion Coating; Wire & Cable

Typical Properties	Nominal Value	English Units	Nominal Value	SI Units	Test Method
Physical					
Melt Flow Rate, (190 °C/2.16 kg)	6.2	g/10 min	6.2	g/10 min	ASTM D1238
Density, (23 °C)	0.918	g/cm³	0.918	g/cm³	ASTM D1505
Mechanical					
Flexural Modulus	50000	psi	345	MPa	ASTM D790
Tensile Strength	1700	psi	11.7	MPa	ASTM D638
Tensile Elongation at Break	870	%	870	%	ASTM D638
Hardness					
Shore Hardness, (Shore D)	56		56		ASTM D2240
Thermal					
Vicat Softening Temperature	198	°F	92	°C	ASTM D1525

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

Mechanical tensile properties were run on a Type IV specimen.

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

General Extrusion Conditions

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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