

Petrothene® GA616050

Linear Low Density Polyethylene

LyondellBasell Industries

Message:

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.

General Information			
Forms	Particle		
Processing Method	Extrusion coating		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	56		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	11.7	MPa	ASTM D638
Tensile Elongation ² (Break)	870	%	ASTM D638
Flexural Modulus ³	345	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	92.0	°C	ASTM D1525
Additional Information			
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.			
Extrusion	Nominal Value	Unit	
Melt Temperature	329	°C	
NOTE			
1.	Type 4		
2.	Type 4		
3.	Type 4		

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