

Microthene® G MU76000

Ethylene Vinyl Acetate Copolymer

LyondellBasell Industries

Message:

Microthene G polyolefin powders are ground, irregularly-shaped particles for use in a broad range of specialty applications. Microthene G powders combine the unique properties of a polyolefin resin with a small ground particle size.

General Information			
Features	Copolymer		
Agency Ratings	FDA Unspecified Rating		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	32	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	
Average Particle Size	35	mesh	
Particle Shape	Irregular		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	30		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	9.40	MPa	ASTM D638
Tensile Elongation (Break)	760	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	54.0	°C	ASTM D1525
Melting Temperature	85.0	°C	

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