

Microthene® G MU76300

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	0.927	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Vinyl Acetate Content	9.0	wt%	
Average Particle Size	35	mesh	Internal Method
Particle Shape	Irregular		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore D	47		
Shore D, 15 sec	42		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12.0	MPa	ASTM D638
Tensile Elongation (Break)	760	%	ASTM D638
Flexural Modulus	144	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°C	ASTM D746
Vicat Softening Temperature	72.0	°C	ASTM D1525
Melting Temperature	95.1	°C	

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