

Microthene G

MU76000

Ethylene Vinyl Acetate Copolymer

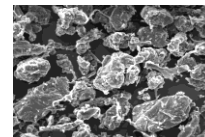
Ground Polyolefin Powder

Equivalent Melt Index: 32 Vinyl Acetate Content: 18%



General Description

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.



Regulatory Status

MU76000 powder complies with certain Food and Drug Administration regulations. Specific limitations or conditions of use may apply. Contact your Equistar product safety representative for more information.

Processing Techniques

The small size and irregular shape of *Microthene* G powders facilitate dispersion with other components. Specific suggestions can be made only when equipment, materials, process parameters and conditions of use are known.

Typical Properties

Polymer Property	Nominal Value	Units	Test Method
Equivalent Melt Index	32	g/10 min	ASTM D1238
Vinyl Acetate Content	18	%	
Density	0.941	g/cc	ASTM D1505
Vicat Softening Point	54 / 129	°C/°F	ASTM D1525
Peak Melting Point	85 / 185	°C/°F	ASTM D3418
Low Temperature Brittleness	< -76 / -105	°C/°F	ASTM D746
Tensile Strength @ Break	9.4 / 1,360	MPa/psi	ASTM D638
Elongation @ Break	760	%	ASTM D638
Hardness, Shore D	30		ASTM D2240
Powder Property			
Particle Shape	Irregular		
Average Particle Size	35	mesh	ETM RoTap Sieve Analysis*

* ETM = Equistar Test Method

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