

Microthene G

# MU76300

Ethylene Vinyl Acetate Copolymer

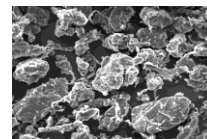
Ground Polyolefin Powder

Equivalent Melt Index: 10 Vinyl Acetate Content: 9%



## 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

MU76300 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	10	g/10 min	ASTM D1238
Vinyl Acetate Content	9	%	
Density	0.927	g/cc	ASTM D1505
Vicat Softening Point	72.0 / 161.6	°C/°F	ASTM D1525
Peak Melting Point	95.1 / 203.2	°C/°F	ASTM D3418
Low Temperature Brittleness	-76.0 / -104.8	°C/°F	ASTM D746
Tensile Strength @ Break	12.0 / 1,740	MPa/psi	ASTM D638
Elongation @ Break	760	%	ASTM D638
Flexural Modulus	144 / 20,800	MPa/psi	ASTM D790
Hardness, Shore D	47 / 42	max / 15 sec	ASTM D2240
<b>Powder Property</b>			
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.